Historic, Archive Document

Do not assume content reflects current
scientific knowledge, policies, or practices.

62.73

MICHELL'S BULBS

1915

26TH YEAR

HENRY F. MICHELL CO.
518 MARKET STREET, PHILADELPHIA

BUSINESS TERMS

We Especially Invite Charge Accounts. A charge account is more convenient than to remit for each order at the time it is sent us; you pay no more for your goods by reason of this accommodation. As to our responsibility, we refer you to **Dun's or Bradstreet's Mercantile Agency.**

When sending your first charge order, refer, preferably, to someone with whom you have a charge account. This saves many a delay. When sending us your first order accompanied by remittance, we prefer bank cashier's check or money order, unless cash is sent; this frequently saves delay.

Goods can be sent C. O. D., with the exception of perishable items, which includes plants and cold-storage bulbs. These cannot be sent C. O. D., unless a partial remittance accompanies the order.

SHIPPING INSTRUCTIONS

Always state clearly by what method you want goods forwarded, otherwise we will ship according to our best judgment.

INVITATION

All customers and others interested in horticulture or agriculture are cordially invited to visit our plant establishment at Andalusia Station (N. Y. Division of P. R. R.) about 16 miles from Philadelphia. In the spring, summer and autumn we invariably have interesting displays of hardy flowers, etc. This invitation applies to our city establishment as well, at 518 Market Street, Philadelphia.

DELIVERY SERVICE

To points where baggage-master or package service is in operation, we can ship **all orders, which can be packed in one parcel or piece, not exceeding 50 pounds in weight,** free of transportation charges at prices quoted in this catalogue. Fertilizers in more than 25-lb. lots, or bulky packages, are not accepted by baggage-master service. Our wagon delivery also covers many sections of Philadelphia.

TABLE OF PARCEL-POST RATES

NOTE. The limit of weight for delivery within local, 1st and 2nd zones is 50 pounds, to all other zones 20 pounds. Liquids and poisons are excluded from the mails.

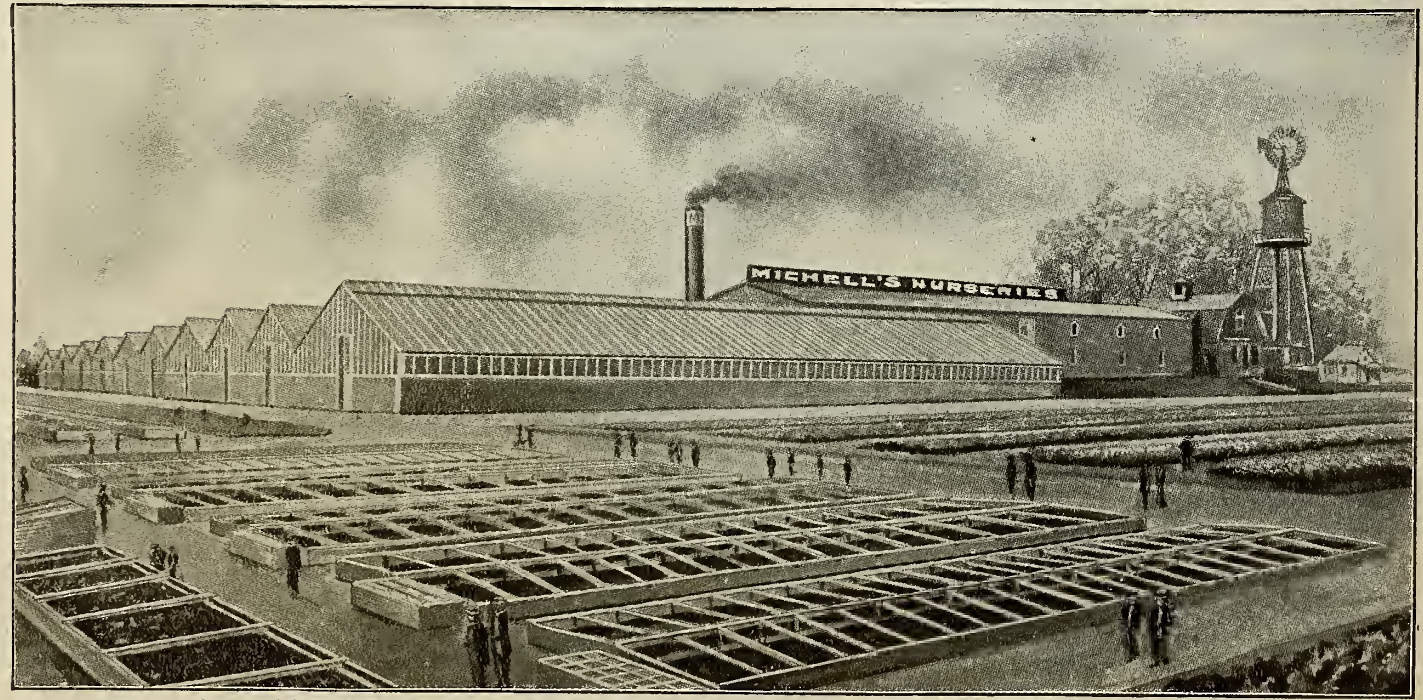
All parcels of seeds, bulbs and plants over 8 ounces and sundries over 4 ounces in weight come under these rates. **Any less than 8 ounces at the rate of 1 cent for each 2 ounces,** except sundries, which are at the rate of 1 cent for each ounce.

Local																										
Lbs.	1	2-3	4-5	6-7	8-9	10-11	12-13	14-15	16-17	18-19	20-21	22-23	24-25	26-27	28-29	30-31	32-33	34-35	36-37	38-39	40-41	42-43	44-45	46-47	48-49	50
Postage	5c	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30

Zone 1 and 2, 150 Miles																									
Lbs.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Postage	5c	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29

Zone 1 and 2, 150 Miles																									
Lbs.	26	27	28	39	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
Postage	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54

Weight	1 lb.	2 lbs.	3 lbs.	4 lbs.	5 lbs.	6 lbs.	7 lbs.	8 lbs.	9 lbs.	10 lbs.	11 lbs.	12 lbs.	13 lbs.	14 lbs.	15 lbs.	16 lbs.	17 lbs.	18 lbs.	19 lbs.	20 lbs.
Zone 3 300 Miles	6c	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40	42	44
Zone 4 600 Miles	7c	11	15	19	23	27	31	35	39	43	47	51	55	59	63	67	71	75	79	83
Zone 5 1000 Miles	8c	14	20	26	32	38	44	50	56	62	68	74	80	86	92	98	1.04	1.10	1.16	1.22
Zone 6 1400 Miles	9c	17	25	33	41	49	57	65	73	81	89	97	1.05	1.13	1.21	1.29	1.37	1.45	1.53	1.61
Zone 7 1800 Miles	11c	21	31	41	51	61	71	81	91	1.01	1.11	1.21	1.31	1.41	1.51	1.61	1.71	1.81	1.91	2.01
Zone 8 Over 1800 Miles	12c	24	36	48	60	72	84	96	1.08	1.20	1.32	1.44	1.56	1.68	1.80	1.92	2.04	2.16	2.28	2.40



Partial View of the Michell's Nurseries, Greenhouses and Trial-Grounds, Andalusia, Bucks Co., Pa.

ATTACH PACKERS MEMO. HERE

Henry F. Michell Company endeavor to send out only the very best quality of Seeds, Bulbs, and Plants, but cannot guarantee results or crops. If customers do not accept goods on the above conditions, they can be returned to us within ten days.

Order Filled by_____

Bulbs_____ Pltr'y. Splies._____

Plants_____ Insect_____

Veg. Seeds_____ Fertilizer_____

Plant Seeds_____ Tools_____

CATALOG ORDER SHEET FOR **MICHELL'S** SEEDS, BULBS, PLANTS, Etc.

HENRY F. MICHELL CO., 518 Market St., PHILADELPHIA.

Order No.

Date_____ 191__

Send to LADIES WILL PLEASE PREFIX MISS OR MRS. USE HUSBANDS INITIALS IF MARRIED

In care of SAY HERE IF TO BE SHIPPED IN CARE OF ANYONE, AND WHO

P. O. Street or R. F. D. Address

Shipping Address NAME OF TOWN TO BE SHIPPED TO IF DIFFERENT FROM P. O. ADDRESS

County

HOW SHALL WE SHIP? MARK "X" UNDER HEADING SELECTED	FREIGHT	EXPRESS	BOAT	PARCEL POST	BAGGAGE MASTER	LOCAL EXPRESS	State

Charge to

Superintendent's or Gardener's Name FOR PURPOSE OF NOTIFICATION OF SHIPMENT

Charge Address

AMOUNT ENCLOSED IF REMITTANCE ACCOMPANIES ORDER	STAMPS	M. O.	CHECK	CASH
	DON'T WRITE IN THIS SPACE			

FILLED BY	D'BLE CHE'KD BY	FORWARDED BY	PACKED BY
DATE	DATE	DATE	DATE

DON'T WRITE HERE

DO NOT FILL OR SHIP UNLESS MARKED PAID, OR CHARGE AND REGISTERED

WH.-TER.-MG.-NEW ACCT.

L.

SPEC. TERMS

CUSTOMERS:—PLEASE DON'T WRITE IN THESE COLUMNS X OR √, FOR ORDER CLERKS

X	√	QUANTITY	DESCRIPTION	PRICE	UNIT	TOTAL	X	√	QUANTITY	DESCRIPTION	PRICE	UNIT	TOTAL

X	√	QUANTITY	DESCRIPTION	PRICE	UNIT	TOTAL	

X	√	QUANTITY	DESCRIPTION	PRICE	UNIT	TOTAL	

INDEX TO CONTENTS OF MICHELL'S 1915 BULB CATALOG

BULBS, ROOTS, Etc. PAGE

Aconite 25
Allium 25
Amaryllis 25
Anemones 26
Anomatheca 25
Begonias 25
Bleeding Hearts 28
Callas 26
Chinese Lilies 27
Chionodoxa 27
Colchicum 15
Crocus 15
Crown Imperials 28
Cyclamen 27
Dielytra 28
Eranthus 25
Eremurus 28
Freesias 29
Galanthus 35
Gladiolus 30
Gloxinias 28
Grape Hyacinths 32
Hyacinths, Bedding 7
" Xmas Forcing.. 4
" Double Named. 5
" Single First Size 4
Hyacinths, Miniature ... 5
" Romans 7
" Second Size .. 6
Iris 31, 70
Ixias 31
Ismene 34
Jonquils 20
Leucojum 32, 35
Lilies, Candidum 23
" Formosum 22
" Giganteum 22
" Hardy 23, 24
" Harrisii 22
" Multiflorum 22
Lily of Valley 32, 69
Montbretia 32
Muscari 32
Narcissus .....16 to 21
Ornithogalum 33
Oxalis 33
Pancratium 34
Puschkinia 33
Ranunculus 34
Rhubarb 54, 55
Scilla 34
Snowdrops 35
Snowflake 32, 35
Spiraea 35
Tulips, Breeders 13
" Cottage Garden.. 12
" Darwin 10, 11
" Double 14
" Parrots 13
" Rembrandt 13
" Single Early ...8, 9
Zephyranthes 35

SEEDS.

Alfalfa 61
Clovers 62
Farm Seeds 62
Flower Seeds .....36 to 50
Grass Seeds .....56 to 59
Lawn Grass 56, 57
Mushroom Spawn 51
Timothy 60, 62
Vegetable Seeds ..51 to 55
Vetch 62
Wheat 60

PLANTS, ETC.

Achillea 64
Aconitum 64
Actinidia 79
Adenophora 64
Aegopodium 64
Aetheopappus 64
Agrostemma 64
Akebia 79
Althaea 81
Alyssum 64
Ampelopsis 79
Amygdalus 81
Anchusa 64
Andromeda 81
Anemone 64
Anthemis 64
Aquilegia 64
Arabis 65
Aristolochia 79
Artemisia 65
Arundo (see Grasses)... 68
Asclepias 65
Aster 65
Astilbe 65
Aubrietia 65
Azaleas 80
Baptisia 65
Berberis 79, 81
Bignonia 79
Blackberries 85, 86
Boltonia 65
Boxwood 79

PLANTS. PAGE

Calimeris 65
Callirhoe 65
Calycanthus 81
Campanula 66
Carnations 63
Catananche 66
Cassia 66
Caryopteris 66
Cauliflower 55
Cedronella 66
Centaurea 66
Cephalaria 66
Cerasus 81
Cercis 81
Chamaepeuce 66
Chelone 66
Chionanthus 81
Chrysanthemum 66
Cimicifuga 66
Clematis 66, 79
Clethra 81
Climbing Plants 79
Cornus 81
Cowslip (see Primula).. 75
Currants 86
Cyclamen 63
Cytisus 81
Delphinium 66
Deutzia 81
Dianthus 67
Dictamnus 67
Dielytra 67
Doronicum 67
Echinops 67
Edelweiss 67
Eleagnus 81
Elymus (see Grasses)... 68
Epimedium 67
Erianthus (see Grasses). 68
Erica 81
Erigeron 67
Erinus 67
Eryngium 67
Eulalia (see Grasses).... 68
Euonymus 79
Eupatorium 67
Exochorda 81
Ferns (Hardy) 67
Forsythia 81
Funkia 68
Gaillardia 68
Galega 68
Geranium 68
Geum 68
Gnaphalium 67
Gooseberries 87
Grape Vines 85, 87
Grasses (Ornamental) .. 68
Gynerium (see Grasses).. 68
Gypsophila 68
Helenium 68
Helianthus 68
Heliopsis 68
Helleborus 68
Hemerocallis 69
Hepatica 69
Hesperis 69
Heuchera 69
Hibiscus 69
Hieracium 69
Hollyhocks 69
Honeysuckle 79
Hydrangea 78, 82
Iberis 69
Incarvillea 69
Inula 69
Iris 31, 70
Ivy 79
Kalmia 82
Kerria 82
Kudzu Vine 79
Lathyrus 79
Lavender 55, 69
Liatris 69
Lilacs 82
Lily of the Valley....32, 69
Lobelia 69
Lonicera 82
Lupinus 69
Lychnis 71
Lythrum 71
Maples 83
Mint 55
Monarda 71
Oenothera 71
Ononis 71
Orobus 71
Pachysandra 71
Paeonies 75, 76
Papaver 73
Pennisetum (see Grasses) 68
Pentstemon 71
Phalaris (see Grasses) .. 68
Philadelphus 82
Phlox 71, 72
Physalis 71
Pinks 71
Platycodon 71
Plumbago 71
Polemonium 71

PLANTS. PAGE

Polyanthus 73
Poppy 73
Primula 73
Privet 79
Prunella 73
Prunus 83
Pyrethrum 73
Pyrus 83
Ranunculus 73
Raspberries 85, 86
Rhododendron 80
Rhus 83
Rosemary 55
Roses 78
Rudbeckia 73
Sage 55
Salvia 73
Sambucus 84
Saponaria 74
Satureja 74
Scabiosa 74
Schizophragma 79
Scutellaria 74
Sedum 74
Senecio 74
Shasta Daisy 74
Shrubs .....80 to 84
Silene 74
Solidago 74
Spiraea 74, 83
Stachys 76
Staphylea 84
Statice 74
Stokesia 74
Strawberries 87
Symphoricarpus 84
Tamarix 84
Tanacetum 74
Tansy 55
Tarragon 55
Thalictrum 77
Thermopsis 77
Thyme 55
Trollius 77
Trillium 77
Tritoma 77
Valeriana 77
Veronica 77
Viburnum 84
Vinca 77
Violets 63
Vitex 84
Weigelia 84
Winter Savory 55
Yucca 77

MISCELLANEOUS.

Animal Bone and Potash. 100
Ant Exterminator 102
Anti-Pest 102
Aphine 102
Aphis Punk 102
Arsenate of Lead 102
Ashes 100
Asparagus Fertilizer 100
Auto-Spray 104
Axes 89
Azalea Pots 96
Bamboo Poles 99
Baskets 89
Bill Hooks 93
Bird Houses..3rd cover page
Black Leaf, No. 40.....102
Blood (Dried) 100
Blood Flour 100
Bon Arbor 100
Bone Meal 100
Bonora 100
Bordeaux Arsenate 102
Bordeaux Mixture 102
Boro-Wax 102
Briar Hook 93
Brush Hook 93
Bug Death 102
Bulb Fibre 3
Bulb Pans 96
Cane Stakes 99
Carbolineum 102
Carnation Bands 98
Carnation Staples 98
Carnation Supports 98
Carriage Heaters 94
Cattle Manure 100
Celery Paper 94
Charcoal 98
Chrysanthemum Manure. 100
Clay's Fertilizer 100
Cider Mills 89
Cocoanut Fibre 98
Copperas 100
Copper Solution 102
Copper Strainers 104
Cork (for Orchids) 97
Corn Knives 91
Corn Sheller 94
Cotton Seed Meal 100
Cow Ease 102
Cow Manure 100
Cut Flower Boxes 98

MISCELLANEOUS. PAGE

Cut Worm Destroyer....102
Cyanide of Potassium...102
Dalmatian Powder 102
Death to Lice 102
Dibbles 93
Dowels 99
Extension Pipes 104
Farmo-Germ 61, 100
Feed Cookers 94
Fencing 89, 94, 95
Fern Dish Liners 96
Fern Pans 96
Fertilizers 100, 101
Fibre Saucers 96
Fir Tree Oil Soap 102
Fish (Ground) 100
Fish Oil Soap 103
Flower Pots 96
Fruit Pickers 89
Fumigators 97
Fungine 102
Getz-there-Soap 102
Glass Clamps 97
Glass Cleaner 98
Glass Cutters 97
Glazing Cement 97
Glazing Nails 97
Glazing Points 97
Gloves (Pruning) 92
Grafting Tool 94
Grafting Wax 94, 98
Grape Dust 102
Grape Grinders 89
Greenhouse White 97
Grindstones 89
Guano-Substitute 100
Hatchets 89
Heaters 94
Hedge Knives 93
Hedge Shears 93
Hedge Trimmers 93
Hellebore 102
Horn Shavings 100
Horse Manure 100
Hose 90
Hose Bands 90
Hose Couplings 90
Hose Menders 90
Hose Nozzles 91
Hose Protectors 90
Hose Reducers 91
Hose Reels 90
Hose Washers 90
Hotbed Mats 97
Hotbed Sash 97
Hotbeds (Miniature) ... 97
Humus 101
Husking Pins 91
Hyacinth Glasses 4
Hyacinth Stakes 99
Hydrant Attachments .. 91
Hydrometer 102
Insecticides 102, 103
I X L Compound 102
Kainit 100
Kerosene Emulsion 102
Kilo-Scale 102
Labels 98
Ladders 91
Land Plaster 100
Lawn Cleaner 88
Lawn Mowers 88
Lawn Rollers 88
Lawn Sand 100, 101
Lawn Seeders 88
Lawn Sprinklers 90
Leaf Mould 98
Leaf Racks 88
Lemon Oil Insecticide...102
Lime 101
Limestone 101
Lime-Sulphur 102
Lopping Shears 92
Manure Distributor 91
Mapes' Fertilizers 101
Marking Pencils 98
Mastica 97
Mastica Machine 97
Mehler Gardener 93
Miniature Hotbeds 97
Mole Traps 93
Moss 98
Muriate of Potash 101
Nicofume 103
Nicoticide 102
Nicotine Cones 103
Nikoteen 103
Nikotinana 102
Nitragin 101
Nitrate of Soda 101
Nozzle Holders 90
Nozzles 91, 104
Orchid Peat 97, 98
Paper 98
Paris Green 103
Peat 98
Pebbles 98
Phosphate 101
Plant Food .....10?

MISCELLANEOUS. PAGE

Plant Stakes 99
Plant Stands 95
Plant Tubs 96
Pliers 90
Pittsburg Fencing 94
Post Hole Digger 93
Potato Manure 101
Potato Scoops 89
Pot Brackets 95
Pots 96
Poudrette 101
Protecting Cloth 94
Pruners 92
Pruning Gloves 92
Pruning Shears 92
Pumps 104
Putty 97
Putty Bulbs 97
Pyrox 103
Raffia 99
Rakes 88
Raffia-tape 99
Rat Corn 103
Rax 103
Readeana 103
Rolling Stands 96
Root Cutters 94
Roofing Paper 94
Rubber Aprons 91
Rubber Hose 90
Rubber Sprinklers 91
Rubbish Consumers 93
Salt 101
Sand 98
Saucers 96
Saws 92
Scale Destroyer 103
Scalecide 103
Seed Pans 96
Shaderine 98
Shading Cloth 94
Shears 92, 93
Sheep Manure 101
Shoo-Fly 103
Shovels 89
Sieves 93
Silkaline 99
Slug Shot 103
Snow Shovels 89
Soil 98
Soot 101
Sprayers 104
Spray Nozzles 104
Sprinklers 91
Stake Fasteners 99
Stone Boxes 88
Stoves 98
Straw Mats 97
Styptic 98
Sulphate of Ammonia ..101
Sulphate of Copper 103
Sulphate of Potash 101
Sulphocide 103
Sulphur 103
Sulphuric Acid 102
Sulphur Candles 103
Syringes 91
Tankage 101
Tar Paper 94
Thermometers 98
Thomson's Manure 101
Thrip Juice 103
Thymo-Cresol 103
Tinfoil 98
Tobacco Dust 103
Tobacco Soap 103
Tobacco Stems 101, 103
Tobakine 103
Tool Grinders 89
Toothpicks 98
Tree Guards 95
Tree Pruners 92
Tree Scrapers 91
Tree-Tanglefoot 103
Trowels 93
Tubs 96
Twines 99
Vaporite 103
Vapor Cones 103
Vaporizing Lamp 97
Vases 95
Vermine 103
Violet Foil 98
Water Barrels 88
Watering Cans 91
Weed Killers 98
Whale-Oil Soap 103
Wheat Fertilizer 101
Wheelbarrows 88
Window Boxes 95
Wine Presses 89
Wire 99
Wire Fencing 95
Wire Netting 94
Wire Stakes 99
Wood Ashes 100, 101
Worm Eradicator 103
Zementine 98
Zenoleum 103

Brief Cultural Directions on a few of the Most Important Bulbs

HYACINTHS

Directions for Planting in the Open Ground.—This should be done in October and November, but they can be set out at any time, as long as the ground is open and the bulbs remain sound. The best compost for their culture is the following: One-third sand, one-third well rotted cow manure and one-third good garden mould. Special care should be taken not to add any bone fertilizers, as they usually draw vermin. The beds composed of the above compost should be well dug to a depth of fourteen inches, and raised from two to four inches above the level of the walks. Care must be taken not to press the earth too firmly around and over the bulbs. After planting, rake the bed smooth, and after the ground has frozen tolerably hard in early winter cover with dry litter, leaves or coarse manure.

For Culture in Pots.—Prepare the above compost, adding, if possible, a quantity of leaf mould. The most favorable time for planting is September, October and November. The size of the pot depends on the number of bulbs planted in a single one; three bulbs in a pot of, say, six inches diameter make a rich, massive effect; one or two bulbs in each may be planted in proportionately smaller pots—two bulbs in each are very effective. When planted, water them well, then bury the pots in the open ground to the depth of six inches for eight weeks, in which condition the preparatory root growth necessary to a vigorous development of their flower spikes is made. After this period remove the pots to a cool room. Being exposed to the light for the first time care should be exercised not to place them in the direct rays of the sun for two or three days.

For Growing in Glasses.—Single varieties are the best for this purpose. Place the bulb in the glass, which should be filled with water so it touches the bottom of the bulb, place them in a cool place, in the dark, changing the water every ten days or two weeks; keep them in the dark for six to eight weeks, then remove them to the light. If then kept in a cool room they will produce very fine spikes. A small lump of charcoal prevents the water from getting foul.

MINIATURE HYACINTHS

Although this type of Hyacinths is largely grown in pans or pots for decorative purposes, their splendid qualities as bedding bulbs should not be overlooked.

Miniature Hyacinths (*Continued*)

If planted close together, say 4 to 6 inches apart, they produce a wonderful effect. Massed with other bulbs, as Crocus, Snowdrops, Tulips, etc., they are unsurpassed for their brilliancy. We are convinced that a trial of Miniature Hyacinths as bedding bulbs will give the greatest satisfaction.

TULIPS

For Bedding Out.—The bed should be formed of a compost similar to that recommended for Hyacinths; the bulbs should be planted about four inches apart and about five inches deep (close planting makes a much finer effect and prevents the flowers breaking off when swaying in the wind); they should then be covered with a litter shortly before the severe freezing weather sets in, and left in this condition until spring approaches.

For Pot or Pan Culture.—Plant about four bulbs in a six-inch pot or five bulbs in a six-inch pan, water thoroughly and then remove to the open ground or in a cold frame, covering with coal ashes; after they have rooted thoroughly they should be brought into a moderately cool room and gradually warmer; by bringing in a fresh supply from the outside every ten days, they can be had in bloom continually.

NARCISSUS

The double and single trumpet varieties should be planted in soil, and treated similar to Hyacinths. Chinese Lilies and Paper White Narcissus, and the Polyanthus type, such as Grand Soleil d'Or, etc., etc., succeed very well if planted in water and pebbles. A small lump of charcoal prevents the water from getting foul, although changes of water are advisable.

CROCUS

A real show can be obtained from these tiny bulbs. They will bloom in a few weeks from time of planting inside. Place a few bulbs, or as many as the size of crock will warrant. In a short space of time the bulb will make a grand display. Planted out in the open ground, they bloom among the first of the spring flowers.

Distances for Planting apart some of the most important Bulbs outdoors

Aconite. 3 to 4 inches,
Anemone. 8 to 10 inches.
Chionodoxa. 4 to 5 inches.
Crown Imperials. 1 foot to 15 inches.
Crocus. 2 to 3 inches.
Colchicum. 6 to 8 inches.
Daffodils. 5 to 6 inches.
Dielytra. 3 to 4 feet.
Hyacinths. Bedding sorts, 5 to 6 inches.
Hyacinths (Grape). 3 to 4 inches.
Iris, Japanese. 2 to 3 feet.
Iris, Spanish. 4 to 5 inches.
Iris, English. 6 to 8 inches.
Ixias. 3 to 4 inches.
Jonquils. 3 to 4 inches.
Lilium Candidum. 1 to 2 feet.
Lilium Japan Varieties. 1 to 2 feet.
Lily of the Valley (Clumps). 1 to 2 feet.
Paeonies. 2 to 3 feet.
Ranunculus. 4 to 5 inches.
Snowdrops. 3 to 4 inches.
Scilla. 3 to 4 inches.
Sparaxis. 3 to 4 inches.
Spirea. 1 to 2 feet.
Star of Bethlehem. 5 to 6 inches.
Tulips. 4 to 6 inches.

Number of Bulbs required for Planting Circular Beds at distances noted below

Oval beds require very much the same number, although we will be glad to give the exact information whenever desired, also for other sized or shaped beds.

DISTANCES FOR PLANTING APART

Diameter of Bed	3 inches apart	4 inches apart	6 inches apart	8 inches apart	10 inches apart	12 inches apart
2 feet	61	37	19	....	....	....
3 "	127	95	37	....	....	....
4 "	217	127	61	37	24	19
5 "	331	225	91	69	37	25
6 "	469	271	127	78	52	37
7 "	631	410	169	96	71	48
8 "	817	469	217	127	85	61
9 "	1027	650	271	156	110	74
10 "	1261	721	331	190	127	91
11 "	1519	940	397	240	150	110
12 "	1801	1027	469	271	169	127
13 "	2107	1280	543	318	200	150
14 "	2437	1387	631	360	240	169
15 "	2791	1670	721	420	271	200
16 "	3169	1801	817	469	318	217
17 "	3571	2140	919	543	360	240
18 "	4037	2269	1027	590	390	271
19 "	4187	2640	1141	631	420	318
20 "	4961	2791	1261	721	469	331
21 "	5459	3210	1387	785	540	360
22 "	6981	3367	1519	817	590	397
23 "	7527	3870	1659	945	625	420
24 "	8097	4037	1801	1027	670	469
25 "	8691	4325	1951	1165	721	590

GROW YOUR HOUSE BULBS

IN

MICHELL'S PREPARED FIBRE

THE BEST AND MOST CHARMING WAY OF PRODUCING

SPRING FLOWERS

FOR HOUSE AND TABLE DECORATION

Tulips Growing in Fibre

Roman Hyacinth Growing in Fibre

Narcissus, Growing in Fibre

The wonderful success that has been achieved in growing bulbs, such as Roman Hyacinths, Dutch Hyacinths, Narcissus, Tulips, etc., in this special fibre, using vases, crocks, or other receptacles **without** drainage, proves that it is not only a most charming and effective method of growing bulbs for those who have neither a garden, the conveniences of greenhouses, or frames, or have a difficulty in obtaining suitable soil, but that it is also one which we feel sure is being and will be much more extensively adopted in the future, when it is fully realized what can be done in this way.

The advantage of this system is that the vases can be placed anywhere about the house, in the drawing room, or dining room, without fear of any mess from water or soil coming through the base of pots. The fibre is perfectly odorless, and clean to handle. It is specially and carefully prepared for this purpose and we strongly recommend all to grow a few various bulbs in this way, if they have not yet done so.

The bulbs are potted the same way as in ordinary soil, just showing their tops. It is **not necessary** or **desirable** to press the fibre **tightly,** otherwise the roots do not work freely, and bulbs have a tendency to push themselves upwards. Once potted, they require hardly any attention, only **great** care should be taken to keep the compost moist, but on no account must it be **sodden or too wet.**

If **once** allowed to become dry, even for half a day only, the pores of the roots close up and the bulbs in many cases go blind and are ruined. This happens more frequently with Tulips than Narcissus, the tulip roots being finer and therefore more liable to injury.

When the bulbs have been potted, vases or jars should be kept in a **dark** airy cellar or room, nothing is worse than a confined cupboard or a small, airless dark room.

When the bulbs have grown about one inch, they should be brought to daylight, and the vases or bowls can be placed in the window, taking care, of course, to keep them from frost.

Price of **Michell's Prepared Bulb Fibre:** 30c. ½ peck; peck, 50c.; 85c. per ½ bushel; bushel, $1.50.

MICHELL'S SUPERB (FIRST SIZE) NAMED HYACINTHS

These bulbs are selected especially for our critical trade, and are the best to be obtained. Our customers may depend upon getting only the very choicest, as our list embraces such sorts as have won prizes at horticultural exhibitions.

Note.—To assist customers in selecting varieties that will bloom together, we have affixed the letters E, M and L; signifying, E for early sorts, M for mid-season sorts, and L for late sorts.

		Each	Doz.	100
	SINGLE RED.			
M	**Amy.** Rich, brilliant red	$0.10	$1.00	$6.50
E	**Duchess of Albany.** Bright crimson	.10	1.00	6.50
L	**Koh-i-Noor.** (Semi-double). Bright, very fine, large spike	.10	1.00	6.50
M	**Robert Steiger.** Crimson, good spike	.10	1.00	6.50
L	**Roi des Belges.** Bright scarlet	.10	1.00	6.50
	SINGLE PINK.			
E	**Baron von Thuyl.** Light rose	.10	1.00	6.50
L	**Cardinal Wiseman.** Rosy pink, large	.10	1.00	6.50
M	**Gertrude.** Fine, deep pink	.10	1.00	6.50
M	**Gigantea.** Light, good truss	.10	1.00	6.50
M	**Maria Cornelia.** Rose, very early	.10	1.00	6.50
M	**Moreno.** Extra fine, deep pink	.10	1.00	6.50
M	**Jacques.** Pale pink	.12	1.25	7.00
E	**Queen of Pinks.** Rich pink, large spike	.25	2.75	20.00
E	**Rosea Maxima.** Fine, salmon pink	.10	1.00	6.50
	SINGLE WHITE.			
E	**Alba Superbissima.** Pure white	.10	1.00	6.50
E	**Angenis Christina.** Pure white, very fine.	.12	1.25	7.00
E	**British Queen.** Pure white, early	.12	1.25	7.00
M	**Grandeur a'Merveille.** Blush white	.10	1.00	6.50
M	**La Grandesse.** Pure white	.12	1.25	7.00
M	**L'Innocence.** Pure; extra fine	.12	1.25	7.00
M	**Mad. Van der Hoop.** Pure white	.10	1.00	6.50
M	**Mont Blanc.** Pure, early, large spike	.12	1.25	7.00
M	**Queen of the Netherlands.** Extra fine	.10	1.00	6.50
	SINGLE BLUE.			
M	**Enchantress.** Porcelain blue	.12	1.25	7.00
M	**Schotel.** Pale blue	.12	1.25	7.00
M	**Chas. Dickens.** Porcelain	.12	1.25	7.00
M	**Czar Peter.** Porcelain, large spikes	.12	1.25	7.00
M	**Grand Maitre.** Bright, very fine	.10	1.00	6.50
M	**Ivanhoe.** Deep purple	.10	1.00	6.50
L	**King of the Blues.** Bright blue	.10	1.00	6.50
M	**Lord Derby.** Silvery porcelain	.10	1.00	6.50
E	**Potgieter.** Light blue, large bells	.12	1.25	7.00
L	**Queen of the Blues.** Porcelain	.12	1.25	7.00
	SINGLE YELLOW.			
M	**Ball of Gold.** Golden yellow, large compact spike	.12	1.25	7.00
M	**Yellow Hammer.** Golden yellow broad truss	.12	1.25	7.00
L	**King of the Yellows.** Bright	.12	1.25	7.00
M	**La Citroniere.** Lemon	.10	1.00	6.50

Single bulbs mailed free. Parcel Post Weight, per doz., 3 lbs.

SPECIAL VARIETIES OF HYACINTHS FOR GLASS CULTURE

Ball of Gold. Golden.
Cardinal Wiseman. Pink.
Czar Peter. Porcelain.
Gertrude. Pink.
Grand Maitre. Bright blue.
King of the Blues. Bright blue.
La Grandesse. Pure white.
L'Innocence. White.
Moreno. Deep pink.
Roi des Belges. Red.
Rosea Maxima. Pink.
Yellow Hammer. Golden.

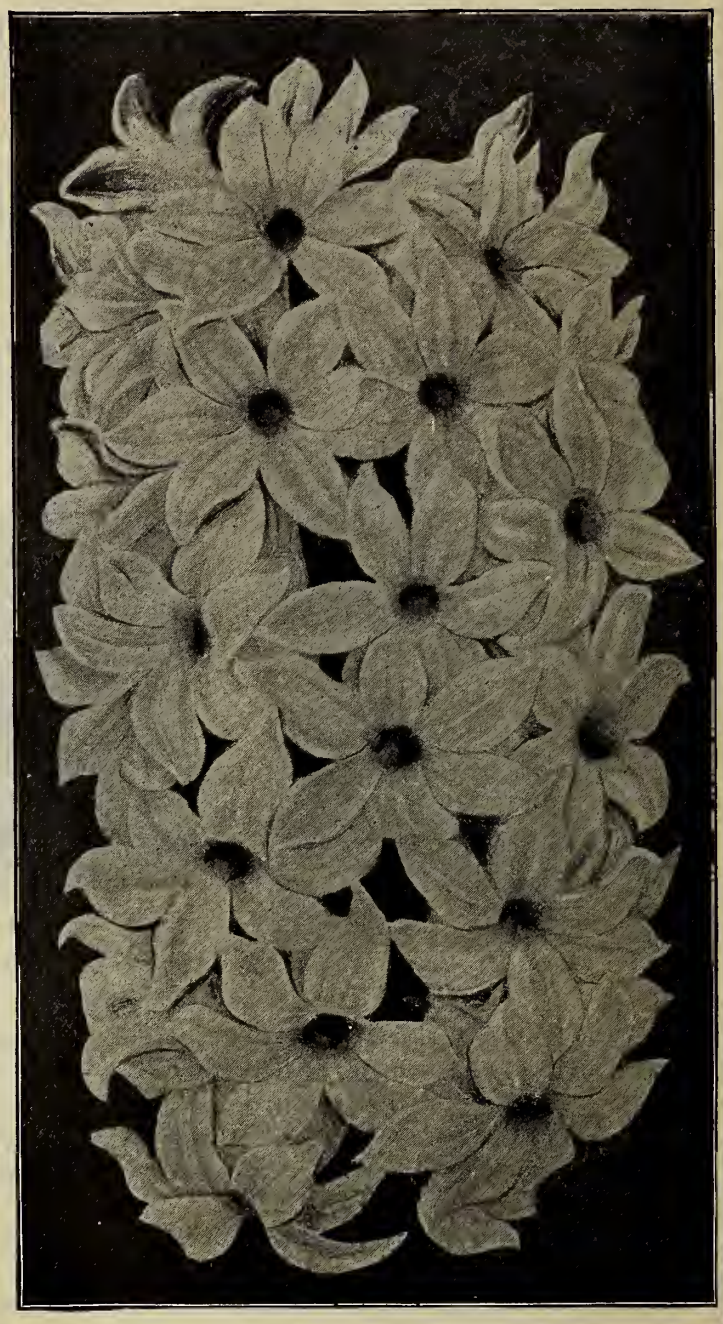
SPECIAL OFFER.—One each of the above for $1.00. P. P. Wt., per doz., 3 lbs.

HYACINTH GLASSES (Not mailable)

Belgian (see cut). In the following colors: blue, green, white. Without inner tubes. 20c. each; per doz., $2.00; $15.00 per 100.

Tye or Low Pattern. Heavier than the above style but in the same colors. 20c. each; per doz., $2.00; $15.00 per 100.

Hyacinth growing in glasses is practiced widely and is wonderfully successful.



Michell's First Size Hyacinth—Grand Maitre

CHRISTMAS FORCING HYACINTHS—Single

These specially grown Hyacinths are peculiarly adapted for pot culture and early flowering. They can be made to bloom just at Holiday season, and for that reason their name. The bulbs, which are of medium size, produce large, well-formed spikes. We recommend each lover of flowers to try a few, as Hyacinths for Christmas are a most cheerful novelty. As the stock of these is rather limited, we advise early ordering.

Gertrude. Deep pink.
Grand Blanche. Pure white.
L'Innocence. Pure white
Marie. Dark blue.
General Pelissier. Bright crimson.
Regulus. Light blue.

Prices of Christmas Forcing Hyacinths 15c. each; per doz., $1.50; $10.00 per 100. Parcel Post Weight, 2 lbs. per dozen.

MICHELL'S SUPERB HYACINTHS *(Continued)*

DOUBLE VARIETIES FIRST SIZE NAMED

The Double Hyacinths, while grown by many, do not produce as large a spike as the single sorts. They should not be used for growing in glasses as there they are not entirely satisfactory. The sorts we offer have been chosen from a long list and can be depended upon to give good results.

	Each	Doz.	100
DOUBLE BLUE.			
Blocksberg. Porcelain, large bells and spike	$0.10	$1.00	$6.50
Garrick. Deep, very good	.10	1.00	6.50
Delicata. Pale blue	.10	1.00	6.50
Genl. Kohler. Bright porcelain blue	.10	1.00	6.50
DOUBLE RED AND PINK.			
Bouquet Royal. Salmon pink, red centre	.10	1.00	6.50
Bouquet Tendre. Dark red, large spike	.10	1.00	6.50
Czar Nicholas. Pink, large truss	.10	1.00	6.50
Grootvorst. Rose blush pink	.10	1.00	6.50
Lord Wellington. Pink, large truss, the finest	.10	1.00	6.50
Pres. Roosevelt. Deep rose pink	.10	1.00	6.50
DOUBLE WHITE.			
Flevo. Pure, fine truss	.10	1.00	6.50
La Tour d'Auvergne. Pure, perfect spike, early	.10	1.00	6.50
La Virginite. Cream white	.10	1.00	6.50
Prince of Waterloo. Pure white, extra large	.10	1.00	6.50
DOUBLE YELLOW.			
Bouquet d'Orange. Orange salmon	.10	1.00	6.50
Goethe. Rich light yellow	.10	1.00	6.50
Minerva. Very fine truss, orange yellow	.10	1.00	6.50
Sunflower. Yellow, tinted salmon	.10	1.00	6.50

Single bulbs mailed free. Parcel Post Weight, per doz., 3 lbs.

NAMED EXHIBITION HYACINTHS

Every year we have our most reliable grower make us a selection of the largest possible Hyacinth Bulbs to be obtained. He usually scours the entire bulb-growing district of Holland to find them. In past years they've been so sought after that we rarely have enough to meet demands; so order early. We offer them in single varieties only, our selection. 20c. each; doz., $1.75; $12.50 per 100.

Michell's Dutch Roman, Pan, or Miniature Hyacinths

Michell's First Size Named Double Hyacintn Lord Wellington

MINIATURE OR PAN HYACINTHS

This type of hyacinth is largely grown in pans for window decoration, etc. The trusses are magnificent and frequently almost as large as the regular hyacinths. Parcel Post Weight, 1 lb. per doz.; 100, 8 lbs.

	Each	Doz.	100
SINGLE BLUE SORTS.			
Chas. Dickens. Porcelain	$0.05	$0.35	$2.50
Grand Maitre. Bright blue	.05	.35	2.50
King of the Blues. Bright blue	.05	.35	2.50
Lord Derby. Light blue	.05	.35	2.50
SINGLE PINK AND RED SORTS.			
Cardinal Wiseman. Rosy pink	.05	.35	2.50
Chas. Dickens. Light pink	.05	.35	2.50
Gertrude. Deep pink	.05	.35	2.50
Gigantea. Light pink	.05	.35	2.50
Moreno. Deep pink	.05	.35	2.50
Roi des Belges. Bright scarlet	.05	.35	2.50
SINGLE WHITE SORTS.			
Albertine. Pure white	.05	.35	2.50
La Grandesse. Fine, pure white.	.05	.35	2.50
Mad Van der Hoop. Pure white large bells	.05	.35	2.50

6 Bulbs of any one variety at dozen rates; 25 at 100 rates; 250 at 1000 rates

MICHELL'S NAMED HYACINTHS FOR FORCING AND High-Class BEDDING

Of late years the Named Hyacinths have gained wide prominence for bedding; they are ideal on account of their flowering at one time, being all one height and uniform in appearance. The varieties offered on this page, while Second Sized Named Varieties, are especially recommended where the above effect is desired.

SPECIAL OFFER—Our Selection of Named Varieties with your choice of color $4.75 per 100; per 1000, $42.50. Be sure to refer to this special offer when ordering.

Michell's Hyacinths Planted in "Capitol Hill Park," Harrisburg, Pa.

Note—To assist customers in selecting varieties that will bloom together, we have affixed the letters E, M, L, signifying E for early, M for mid-season, L for late.

	SINGLE RED HYACINTHS	Each	Doz.	100	1000
L	**Koh-i-Noor** (Semi-double). Bright.	$0.07	$0.70	$5.00	$45.00
M	**Queen of Hyacinths.** Scarlet	.07	.70	5.00	45.00
M	**Rob't Steiger.** Crimson, compact truss	.07	.70	5.00	45.00
L	**Roi des Belges.** Bright scarlet	.07	.70	5.00	45.00
	SINGLE WHITE HYACINTHS				
E	**Alba Superbissima.** Pure white	.07	.70	5.00	45.00
E	**British Queen.** Pure white	.08	.80	5.50	50.00
M	**Grandeur a'Merveille.** Blush white.	.07	.70	5.00	45.00
M	**La Grandesse.** Pure white	.08	.80	5.50	50.00
M	**L'Innocence.** Pure	.08	.80	5.50	50.00
M	**Mad. Vander Hoop.** Pure	.07	.70	5.00	45.00
M	**Mont Blanc.** Fine, pure white	.08	.80	5.50	50.00
M	**Queen of the Netherlands.** Pure	.07	.70	5.00	45.00
	SINGLE YELLOW HYACINTHS				
M	**Herman.** Orange	.07	.70	5.00	45.00
M	**Ida.** Bright yellow	.07	.70	5.00	45.00
M	**City of Haarlem.** Golden yellow	.08	.80	5.50	50.00

We cannot impress too strongly upon the necessity of ordering Hyacinths (and other bulbs) as early as possible. By doing so you get the best selection. **Order before November the 15th** if possible; orders received later, however, will receive our usual careful attention.

	SINGLE BLUE HYACINTHS	Each	Doz.	100	1000
E	**Baron von Thuyl.** Deep blue	$0.07	$0.70	$5.00	$45.00
M	**Blue Mourant.** Deep blue	.07	.70	5.00	45.00
L	**Chas. Dickens.** Porcelain	.07	.70	5.00	45.00
M	**Czar Peter.** Porcelain	.08	.80	5.50	50.00
M	**Enchantress.** Porcelain blue	.08	.80	5.50	50.00
M	**Grand Maitre.** Bright	.07	.70	5.00	45.00
M	**Ivanhoe.** Deep purple	.08	.80	5.50	50.00
L	**King of the Blues.** Bright	.07	.70	5.00	45.00
E	**Leonidas.** Light	.07	.70	5.00	45.00
M	**Schotel.** Pale blue	.07	.70	5.00	45.00
	SINGLE PINK HYACINTHS				
E	**Baron von Thuyl.** Light rose	.07	.70	5.00	45.00
E	**Cardinal Wiseman.** Rosy pink	.07	.70	5.00	45.00
M	**Chas. Dickens.** Light, large spike	.07	.70	5.00	45.00
M	**Gertrude.** Deep pink	.07	.70	5.00	45.00
E	**Gigantea.** Light	.07	.70	5.00	45.00
E	**Marie Cornelia.** Rose, fine variety.	.07	.70	5.00	45.00
M	**Moreno.** Deep pink	.07	.70	5.00	45.00
M	**Jacques.** Pale pink	.07	.70	5.00	45.00
E	**Rosea Maxima.** Salmon pink	.07	.70	5.00	45.00

Single bulbs mailed free. Parcel Post Weight, per doz., 2 lbs.

Special Offer of Named Bedding Hyacinths

To popularize these bedding bulbs, we offer in our selection of varieties with your choice of color **delivered free within 100 miles of Philadelphia.** Refer to page 6 when ordering.

25 Named Hyacinths...$1.20	50 Named Hyacinths..$2.35
100 Named Hyacinths... 4.50	250 Named Hyacinths..11.00
500 Named Hyacinths...20.50	1000 Named Hyacinths..40.00

6 Bulbs of any one variety at dozen rates; 25 at 100 rates; 250 at 1000 rates (ha)

A Spring flower-effect in the Italian gardens of Mr. P. A. Widener, "Lynnewood Hall," Ogontz, Pa., planted with Michell's Bulbs

MICHELL'S CHOICE BEDDING HYACINTHS

UNNAMED SORTS

In the following hyacinths we offer something very choice either for bedding or for pot culture. Where bedding of hyacinths is to be done in large quantity we can particularly recommend them on account of their low cost, the length of time they remain in flower, and because of their handsome effect. Parcel Post Weight, 2 lbs. per doz.; per 100, 12 lbs.

Michell's Monster White Roman Hyacinths

SINGLE VARIETIES.	Each	Doz.	100	1000
Red. All shades, including pink.	$0.05	$0.45	$3.25	$27.50
White. All shades of white...	.05	.45	3.25	27.50
Blue. All shades.....	.05	.45	3.25	27.50
Yellow. All shades.....	.05	.45	3.25	27.50
Pink	.05	.45	3.25	27.50
Dark Red	.05	.45	3.25	27.50
Pure White	.05	.45	3.25	27.50
Blush White	.05	.45	3.25	27.50
Light Blue	.05	.45	3.25	27.50
Dark Blue and Purple.....	.05	.45	3.25	27.50
Mixed. All colors.....	.04	.40	3.00	26.00
DOUBLE VARIETIES.				
Red. All shades, including pink	.05	.45	3.25	27.50
Pink	.05	.45	3.25	27.50
Pure White	.05	.45	3.25	27.50
Blue. All shades.....	.05	.45	3.25	27.50
Yellow	.05	.45	3.25	27.50
Mixed. All colors.....	.04	.40	3.00	26.00

ROMAN HYACINTHS

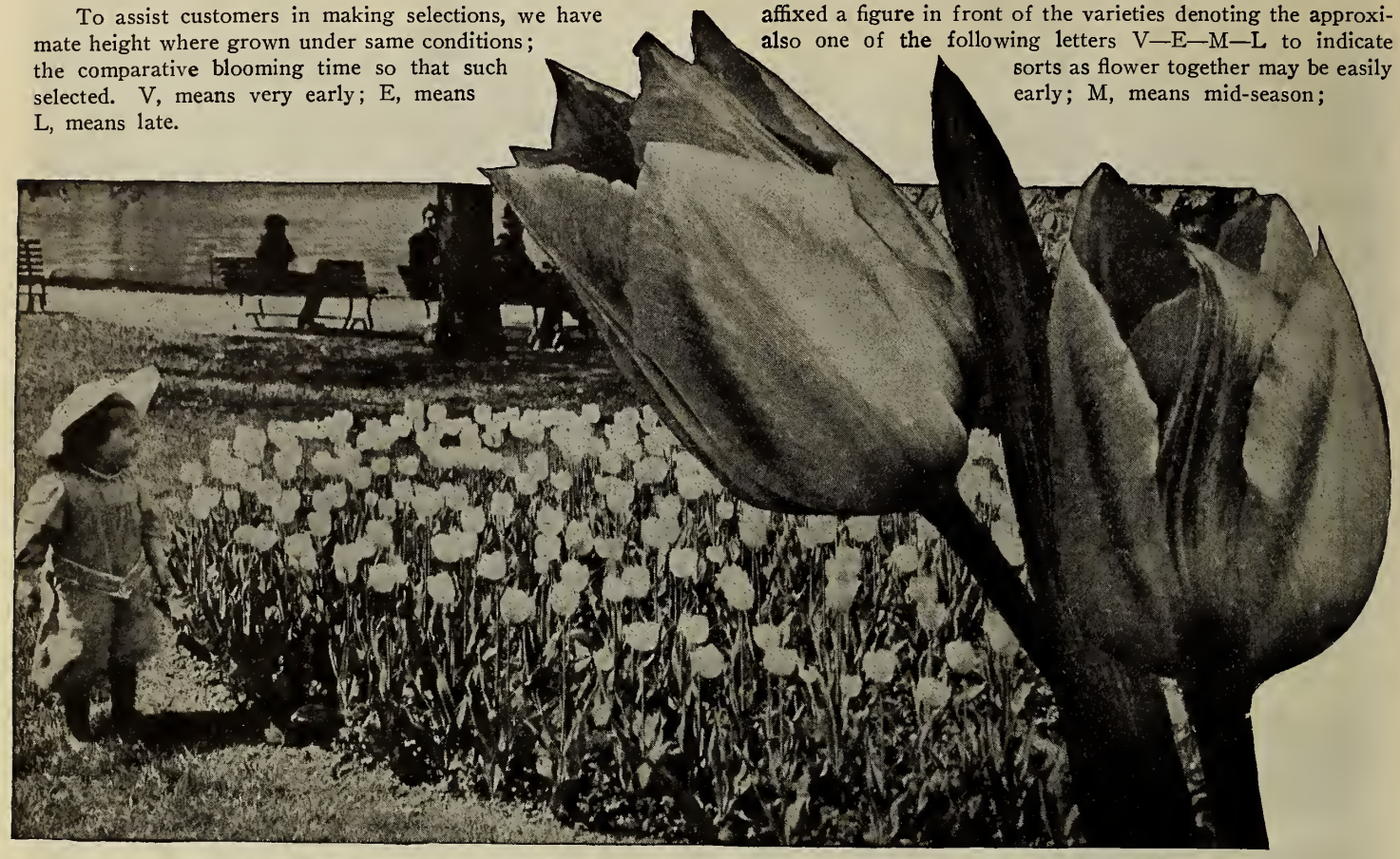
French Roman Hyacinths afford a continuous supply of bloom from early winter until late in spring if planted in succession (two weeks apart). They are very fragrant. The blooms are suitable for most any kind of cut-flower work; they also look very attractive if planted in boxes or pots and used for window decoration. They are not hardy, consequently will not do for outdoor planting.

	Each	Doz.	100	1000
White. Selected size, 11 to 12 ctm.	$0.05	$0.45	$3.00	$27.50
" Extra select size, 12 to 15 ctm.	.06	.60	3.75	35.00
" Mammoth, 13 to 15 ctm..	.07	.75	5.00	45.00
" **Monster,** 15 ctm. and over	.08	.90	6.00	55.00
Light Pink	.06	.50	3.50	32.50
Dark Pink	.06	.50	3.25	30.00
Blue	.05	.50	3.25	30.00
Italian. Late white, large spikes.	.05	.50	3.25	30.00

Parcel Post Weight, 1 lb. per doz.; per 100, 8 lbs.

MICHELL'S SINGLE EARLY TULIPS FOR FORCING and BEDDING

To assist customers in making selections, we have affixed a figure in front of the varieties denoting the approximate height where grown under same conditions; also one of the following letters V—E—M—L to indicate the comparative blooming time so that such sorts as flower together may be easily selected. V, means very early; E, means early; M, means mid-season; L, means late.



Inches High	RED AND SCARLET VARIETIES	Doz.	100	1000
10 M	**Artus.** Bright scarlet, for bedding...	$0.20	$1.25	$10.00
10 M	**Belle Alliance.** Brilliant scarlet, for either forcing or bedding.....	.30	1.75	15.00
12 M	**Couleur de Cardinal.** Bronze scarlet, well-shaped flower with long stems, excellent for forcing or bedding..	.30	2.00	18.00
9 M	**Crimson King.** Crimson red, good for bedding or forcing.....	.25	1.25	10.00
10 M	**Cramoise Brilliant.** Fine scarlet, good forcer and a showy bedder.....	.25	1.50	12.00
7 V	**Duc Van Tholl, Scarlet,** for forcing or bedding	.30	1.60	13.50
7 V	**Duc Van Tholl, Crimson,** for forcing or bedding	.25	1.60	13.00
13 E	**Dusart.** Brilliant carmine scarlet; very large, finely formed flower of lasting substance; splendid bedder	.30	1.80	14.00
14 E	**Grace Darling..** Very large globular flower with broad petals, fiery scarlet, good for bedding and forcing..	.50	2.75	24.00
12 E	**Maas.** Rich scarlet, for bedding only, lasting well during warm weather.	.40	2.25	20.00
12 E	**Pottebakker.** Scarlet for bedding...	.30	1.80	16.00
14 M	**Prince of Austria.** Orange scarlet, for either forcing or bedding.....	.35	2.00	16.00
13 M	**Sir Thomas Lipton.** Brilliant crimson, with yellow base; equally good for forcing or bedding.....	.45	3.00	25.00
14 M	**Thos. Moore.** Apricot orange, fine shaped flower, the best of its color, for either forcing or bedding.....	.25	1.40	11.00
12 M	**Vermilion Brilliant.** The richest scarlet, for forcing or bedding, very large flower	.40	2.25	18.00
	Unnamed Red in all shades	.25	1.15	9.00

Inches High	PINK VARIETIES	Doz.	100	1000
8 M	**Cottage Maid.** Pink and white, a beautiful combination; one of the grandest for either forcing or bedding	.25	1.50	12.00
7 V	**Duc Van Tholl, Pink.** For forcing or bedding	.30	1.50	12.50
12 M	**Flamingo** (*Pink Hawk*). Fine forcer, excellent flower, good keeper.....	.55	3.50	30.00
12 E	**Pink Beauty.** The most superb and largest pink Tulip in existence; splendid bedder and forcer.....	.55	3.75	32.50
13 E	**Princess Wilhelmina.** Brilliant deep rose blushed white on the outer petals	.35	2.00	17.00
13 E	**Proserpine.** Glossy pink, very large, forces early, excellent for bedding.	.45	3.00	25.00
12 E	**Pres. Cleveland.** Rich, brilliant shade; one of the finest.....(25c. each)	2.75	17.50	
14 E	**Queen of the Netherlands.** Soft pink, fine for forcing	.40	2.25	20.00
11 M	**Rose Grisdelin.** Delicate rose, flushed white, for forcing or bedding; our stock is excellent.....	.20	1.25	10.00
11 M	**Rose Luisante.** Brilliant deep pink, large flower for forcing and bedding	.40	2.50	20.00
11 M	**Rosa Mundi.** Rose pink, flushed white, for bedding	.25	1.25	10.00
	Unnamed Pink in all shades.....	.25	1.15	9.00

If wanted per Parcel Post, please add postage as per Zone rate (see 2d cover page). Weight of Single Early Tulips, packed, 1 lb. per dozen; per 100, 5 lbs.

6 Bulbs of any one variety at dozen rates; 25 at 100 rates; 250 at 1000 rates (ha)

MICHELL'S SINGLE EARLY TULIPS FOR FORCING AND BEDDING

The figure in front of variety denotes height, the letters signify as follows: V very early, E early, M mid-season, L late.

Early Single Tulip Joost Van Vondel, White

Inches High		Doz.	100	1000
	WHITE VARIETIES			
7 V	**Duc Van Tholl** (*Maximus*). White, fine forcer	$0.25	$1.50	$12.50
9 E	**Joost Van Vondel, White** (*Lady Boreel*). A real exhibition variety; has no superior for either forcing or bedding	.50	3.00	26.00
12 M	**La Reine.** Pure white, fine for forcing, at times it shows a delicate shade of pink	.25	1.25	9.50
10 E	**L'Immaculee.** Pure white, early, for bedding	.25	1.25	11.00
12 E	**Pottebakker White.** Pure white, for bedding	.35	2.00	17.50
10 M	**White Hawk** (*Albion*). Pure white, one of the best forcing and bedding sorts; when forced slowly the bloom is of tremendous size and substance	.40	2.25	20.00
	Unnamed White Varieties	.25	1.15	9.50
	VARIEGATED OR TWO COLORED VARIETIES			
7	**Duc. v. Tholl, Red and Yellow.** Fine for forcing or bedding	$0.25	$1.50	$13.50
13 M	**Duchesse de Parma.** Orange scarlet, suffused yellow edge; for bedding.	.25	1.50	13.00
12 E	**Joost Van Vondel.** Glossy red, striped white, bedding	.35	2.00	17.00
15 M	**Kaiserkroon.** Brilliant red with distinct wide golden border; one of the finest tulips in existence; the peer of its color; for either forcing or bedding	.35	2.00	17.50

TESTIMONIAL ON MICHELL'S BULBS

Department of Public Works,
City Hall, Phila.

I take this opportunity of commending your firm on the superior quality of bulbs furnished to the city last fall. The effect secured during the past spring has been satisfactory in every way.

R. POND,
Landscape Gardener.

		Doz.	100	1000
	YELLOW VARIETIES			
12 M	**Chrysolora.** Golden yellow, for bedding; this is one of the best; large flower	$0.25	$1.50	$12.50
7 V	**Duc Van Tholl. Yellow.** For forcing and bedding	.35	2.00	16.00
12 E	**Gold Finch.** Sweet scented, golden yellow, forces early; flower a good keeper	.25	1.50	12.50
13 E	**Mon Tresor.** Golden yellow, large flower; one of the best for forcing or bedding	.30	1.80	16.00
12 E	**Ophir d'Or.** Golden yellow; fine bedder; enormous flower	.30	1.80	16.00
12 E	**Pottebakker Yellow.** For bedding only	.30	1.60	13.50
14 M	**Rising Sun.** Deep golden yellow; one of the largest early Tulips; very long stem. Fine for forcing or bedding (20c. each)	2.00	15.00	
10 M	**Yellow Prince.** Golden yellow; fine forcer	.25	1.50	12.50
	Unnamed, all Shades of Yellow	.25	1.15	9.00
	VIOLET OR BLUE VARIETIES			
12 M	**Wouverman.** Purple violet, for bedding	.50	3.25	28.00

SINGLE UNNAMED TULIPS (For Bedding only)

These make a fine effect where a solid color is desired, and their cost is not so much as the named varieties, although the colors are made up from the named sorts.

	Doz.	100	1000
Pink in all shades	$0.25	$1.15	$9.00
Red in all shades	.25	1.15	9.00
White in all shades	.25	1.15	9.00
Yellow in all shades	.25	1.15	9.00

SINGLE EARLY TULIPS IN MIXTURE

Our mixtures of Tulips have long been noted for their brilliancy, proper blending and variety of color. We use only the largest flowering named sorts, and our customers may depend on getting something extraordinary.

	Doz.	100	1000
Fine Quality, all colors	$0.15	$0.80	$7.00
Superfine Quality, all colors	.20	1.00	9.00

Early Single Show Tulip, Pink Beauty (see page 8)

6 Bulbs of any one variety at dozen rates; 25 at 100 rates; 250 at 1000 rates (ha)

MICHELL'S MAY-FLOWERING DARWIN TULIPS

The illustration on the front cover of this catalogue can give only a faint idea of the beauty of the Darwin Tulips. They form a distinct class, and one can easily distinguish them from other varieties by the cup-shaped flowers and their robust growth. The shades run in **white, blue, pink, red** and **dark maroon,** but **never yellow.** With their tall stems, often two feet and longer, and their bright-colored flowers, they form exquisite material for garden and table decorations.

Note the special low prices this year.

A combination of Darwin Tulips intermingled with plantings of Hardy English Daisy, Pansies, Violas or Forget-Me-Nots, make a cheerful Spring show

For massing, bedding or border planting the Darwins are hard to equal. They bloom at a season when early bulbous flowers have gone and before the majority of spring perennials and shrubbery come into bloom.

The varieties marked with an asterisk (*) are adapted for forcing, in which case they require a rich soil and only a moderate heat. They will not stand forcing when handled like early varieties of tulips.

Please note that there are no yellow-colored Darwins. This color, however, may be easily selected from the list of Cottage Garden Tulips. (See page 12.)

The varieties we offer are a selection of the most beautiful shades and colors which will give the greatest satisfaction. The figures in front of the variety denote the approximate height in inches when in bloom outdoors.

*26 **Baronne de la Tonnaye.** Vivid rose. One of the most beautiful varieties. The flowers are large, well formed and keep their brightness to the last. The best bedding variety in cultivation, but also a splendid forcer. 35c. per doz.; per 100, $2.25; $18.00 per 1000.

*20 **Clara Butt.** Delicate salmon pink. Its perfect shape and lovely color make it a real beauty. It is a good bedder and a splendid forcer. 35c. per doz.; per 100, $2.25; $15.00 per 1000.

26 **Dream.** This is a beautiful shade of lilac. The flower is gigantic and this variety is one that should be included in every collection of Darwin Tulips. A very distinct and handsome Tulip of large size and shapely form. Superb for borders. This variety attracted great admiration in our annual Tulip show last spring. Per doz., 50c.; $3.00 per 100; per 1000, $25.00.

Testimonial

Smith Mill, Pa.

The Bulbs bought from you last fall proved magnificent specimens. *MRS. WM. H. EDWARDS.*

*22 **Europe.** Brilliant red, with white, showy centre. One of the showiest bedders and a good forcer. 40c. per doz.; per 100, $3.00; $25.00 per 1000.

*24 **Mr. Farncombe Sanders.** Brilliant scarlet, with a white centre. Giant flowering. One of the showiest of all Darwins. Good forcer. 45c. per doz.; per 100, $3.00; $25.00 per 1000.

23 **Glow.** Scarlet, margined white, blue centre. 45c. per doz.; per 100, $3.00; $25.00 per 1000.

28 **Madame Krelage.** Bright lilac rose, margined pale silvery pink, inside is a soft rose pink, very large flower of beautiful form. Per doz., 40c.; $2.75 per 100; per 1000, $22.50.

Testimonial

Hicksville, Ohio.

Enclosed find order for bulbs. I have always found everything I got from you first-class and have received the very best treatment from you. You will be sure to get all my orders for anything I need in your line.

CHAS. SIEBERT.

Parcel Post Weight of Darwin Tulips. 1 lb. per dozen; per 100, 5 lbs.

MICHELL'S MAY-FLOWERING DARWIN TULIPS

*20 **Gretchen.** A most attractive variety of a soft salmon-rose color. Splendid for cutting. Good bedder and excellent forcer. 30c. per doz.; per 100, $2.00; $15.00 per 1000.

*28 **Harry Veitch.** Crimson violet, with white centre. An early forcer. 35c. per doz.; per 100, $2.25; $18.00 per 1000.

24 **Kate Greenaway.** White, spotted lilac. Strong, stiff stems, holding the flower erect, make it one of the best bedders. 40c. per doz.; per 100, $2.25; $20.00 per 1000.

26 **May Queen.** Soft rose. Very large flower. Splendid bedding variety. 40c. per doz.; per 100, $2.25; $20.00 per 1000.

22 **Nora Ware.** Dainty silvery lilac, shaded bronze; white base. Flowers are very large, on stiff stems, making it an ideal variety for cutting. 45c. per doz.; per 100, $3.00; $25.00 per 1000.

*24 **Pride of Haarlem.** Brilliant rosy carmine. This is one of the most popular varieties of Darwin. The size of the flowers is immense, having usually more than six petals, giving them the appearance of Double Tulips. Excellent forcer. 40c. per doz.; per 100, $2.50; $20.00 per 1000.

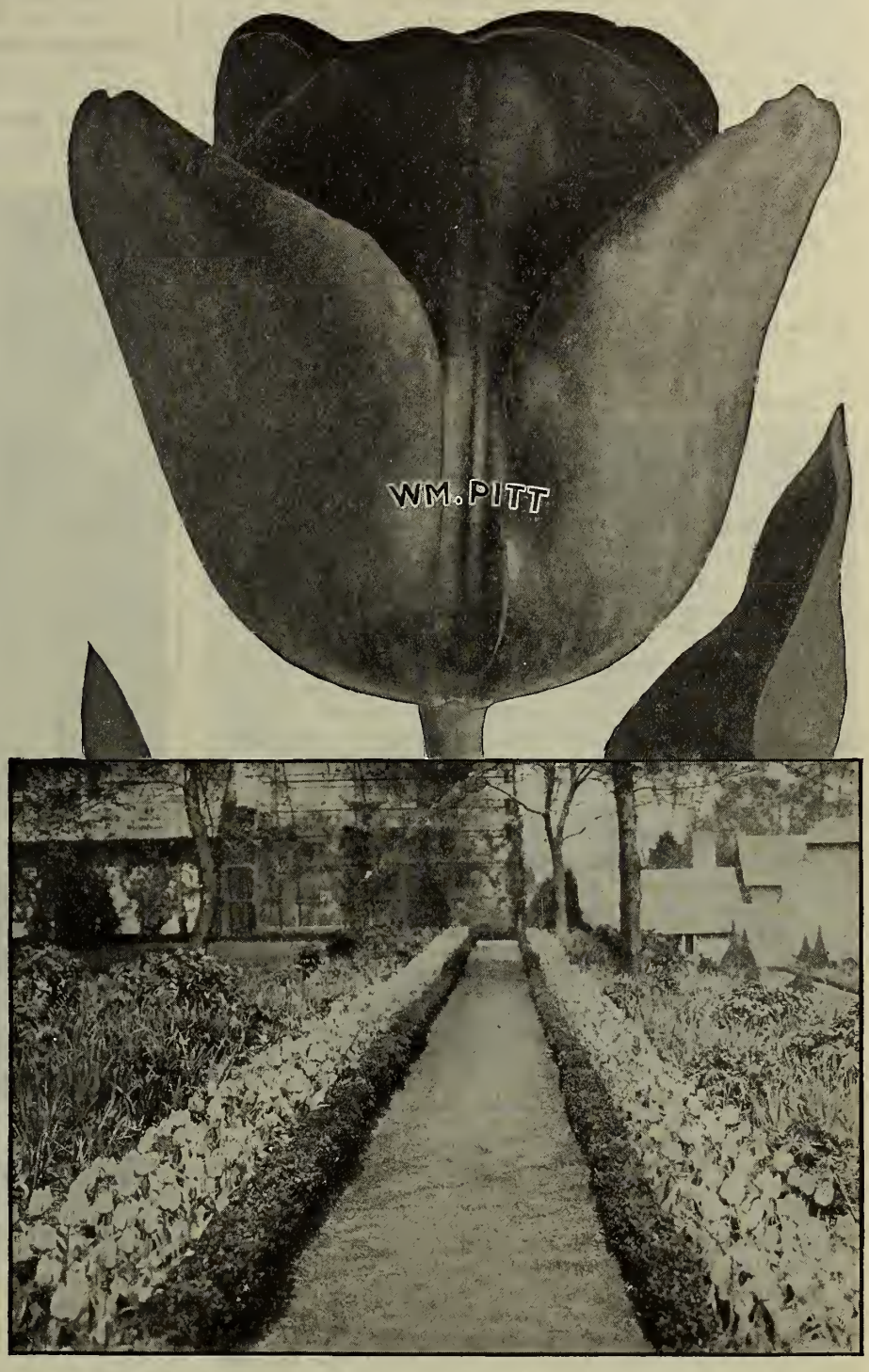
*20 **Rev. H. Ewbank.** Light heliotrope. Rather dwarf variety; a splendid bedder. For forcing we recommend this variety very strongly, as it stands forcing splendidly and produces large flowers of a very pleasing color. 50c. per doz.; per 100,, $3.25; $30.00 per 1000.

24 **Sultan.** Very dark maroon, almost black. Undoubtedly the best of the dark varieties. The strong stems hold the flowers erect and make it an excellent bedder. 35c. per doz.; per 100, $2.00; $17.50 per 1000.

22 **White Queen.** Can be called the only white Darwin. It opens rosy white, but passes off pure white. One of the most popular varieties. 40c. per doz.; per 100, $2.75; $22.50 per 1000.

24 **William Pitt.** Brilliant carmine. One of the largest and grandest of the Darwins. Its perfect shape and lovely color rival with each other to make it a real beauty. 50c. per doz.; per 100, $3.75; $30.00 per 1000.

Darwin mixed, all colors. A great variety of all colors and shades. 25c. per doz.; per 100, $1.50; $13.00 per 1000.



Plantings of Darwin Tulips at "Coolkenny," Haverford, Pa., the Country Estate of the late Thos. P. Hunter, Esq.

Testimonial on Darwin Tulips

"Coolkenny," Haverford, Pa.

I wish you could see the gorgeous show in our gardens made by the Darwin Tulips procured from you.

JOS. HURLEY,
Superintendent to Thos. P. Hunter, Esq.

Testimonial from China

Dairen, Manchuria.

I beg to inform you that the Bulbs which I ordered from you arrived this morning per parcel post. They reached me in splendid condition, and I offer you my best thanks.

F. OYAMA.

Parcel Post Weight of Darwin Tulips. 1 lb. per dozen; per 100, 5 lbs.

MICHELL'S COTTAGE GARDEN, LATE, OR MAY TULIPS

Nothing in horticulture has received so much comment in late years as the late flowering tulips. A few years ago where only hundreds were sold, the demand has now grown to hundreds of thousands. They well deserve the popularity they have gained, for no other of the spring flowering bulbs can approach them for brilliancy, beauty and usefulness. For planting in beds, massing the perennial border or planting in clumps they are ideal. The very long stems make it possible to use them in most any kind of floral decoration; the flowers are shapely and many are very fragrant. The mixed types are desirable, yet we recommend the planting of named sorts if extra fine shows are wanted. (*All Single except where noted.*)

14 **Blue Flag** (*Double*). A very pretty shade of violet blue, very odd, and should be included in every collection. 6c. each; per doz., 60c.; $4.00 per 100; per 1000, $35.00.

18 **Bouton d'Or** (*Golden Beauty or Ida*). Color, a beautiful golden yellow; handsome perfect flower; grand for cutting. 3c. each; per doz., 25c.; $1.50 per 100; per 1000, $12.50.

20 **Caledonia.** A lovely shade of bright orange scarlet; massive erect flowers are produced on long stems. It is a variety that should be planted very extensively, an extra fine sort for cutting. 4c. each; doz., 35c.; $2.25 per 100; per 1000, $17.50.

24 **Gesneriana Lutea.** This planted in connection with Gesneriana Spathulata makes a gorgeous combination, in fact, few other late tulips bed together as well as these. The rich canary yellow flowers hold their color for a long while; for cutting it is equally valuable. 4c. each; doz., 35c.; $2.25 for 100; per 1000, $20.00.

24 **Gesneriana Spathulata.** A brilliant scarlet, with blue-black centre. This is one of the finest late tulips in existence. 3c. each; per doz., 30c.; $1.75 per 100; per 1000, $15.00.

24 **Gesneriana Rosea.** Very similar in character and growth to the above; the color, however, is a rich brilliant pink. 3c. each; per doz., 25c.; $1.50 per 100; per 1000, $12.50.

16 **Golden Crown.** Flower very large, of a pure yellow color, with a narrow border of red, excellent for bedding or cutting. 3c. each; per doz., 25c.; $1.50 per 100; per 1000, $12.00.

24 **Inglescombe Pink.** A beautiful salmon rose, surpassing for brilliancy and stateliness anything in the cottage garden tulip line. Flowers are oval shaped like an egg; for promiscuous planting in borders this is one of the finest. If placed in a moderate heat this variety will force. 4c. each; doz., 35c.; $2.25 per 100; per 1000, $20.00.

24 **Inglescombe Scarlet.** Brilliant vermilion, with black centre, excellent for cutting. 5c. each; doz., 45c.; $3.00 per 100; per 1000, $25.00.

20 **Inglescombe Yellow.** A globular shaped rich golden yellow flower, a variety that resembles the Darwins; in fact, it is the only yellow tulip that can be massed with the latter in such a manner that will not attract attention of its being another type. 6c. each; doz., 60c.; $4.00 per 100; per 1000, $35.00.

20 **La Merveille.** Beautiful orange red. Each, 4c.; 30c. per doz.; per 100, $1.75; $14.00 per 1000.

20 **Moonlight.** An exquisite shade of light canary yellow, with a long pointed flower on tall graceful stems; it keeps remarkably long in water as a cut flower; it can be forced in moderate heat. 12c. each; doz., $1.00; $6.00 per 100.

20 **Picotee** (*Maiden's Blush*). (See illustration opposite.) Color, white with a distinct rosy border; the finest late tulip. 4c. each; doz., 30c.; $1.60 per 100; per 1000, $14.00.

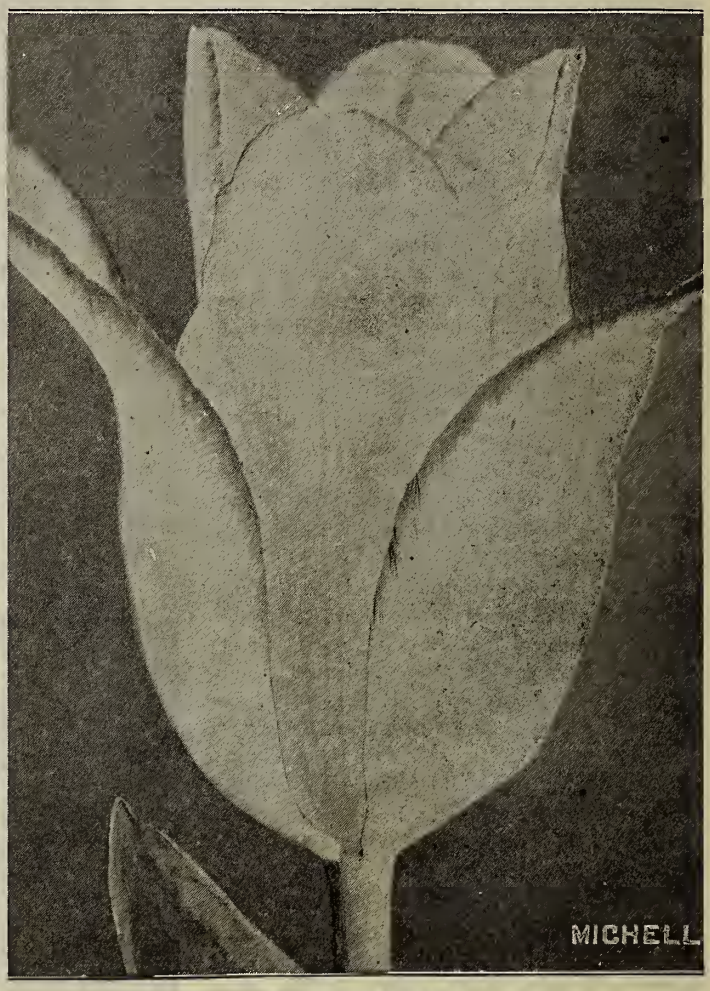
12 **Royal White.** Flower is very large, of oblong form of purest white, while the centre is light yellow. This is without doubt the best of the late whites which will force indoors in slow, gradual heat. 5c. each; doz., 50c.; $3.25 per 100; per 1000, $27.50.

20 **Rosalind.** A bright cherry pink, pure white at base. 3c. each; 30c. per doz.; per 100, $1.75; $15.00 per 1000.

12 **Sarah Bernhardt** (*Hobbema or Le Reve*). Exquisite soft rose shaded apricot; a delightful combination. 8c. each; doz., 85c.; $5.00 per 100; per 1000, $42.50.

20 **Shandon Bells** (*Blushing Bride or Isabella*). A beautiful carmine, shaded creamy white, a very pretty contrast. 3c. each; per doz., 30c.; $1.75 per 100; per 1000, $14.00.

20 **Striped Beauty** (*Summer Beauty*). Rose flaked crimson and white, a large and showy flower. 5c. each; per doz., 50c.; per 100, $3.00; $27.50 per 1000.



Late Tulip Picotee

LATE TULIPS IN MIXTURES

(*All single except where noted.*)

Bizarres. A peculiar combination of colors, principally yellow ground with markings and stripings of red, white and orange. 3c. each; per doz., 20c.; $1.25 per 100; per 1000, $11.00.

Bybloemen. A wide range of shadings and combinations of white, scarlet, pink and crimson. 3c. each; per doz., 20c.; $1.25 per 100; $11.00 per 1000.

Darwin's. A most interesting class, covering a wide range of colors. 3c. each; per doz., 25c.; $1.50 per 100; per 1000, $13.00.

Double Superfine Mixed. In all colors. Many prefer the double tulips as they last longer than the single sorts. 3c. each; per doz., 25c.; $1.25 per 100; per 1000, $11.00.

Single Superfine Late Mixed. We can recommend these highly for planting in places where a fine show is desired. 3c. each; per doz., 25c.; $1.50 per 100; per 1000, $12.00.

Note.—If by Parcel Post, add postage at Zone Rates. (See 2d cover page.) Weight of Late Tulips, 1 lb. per dozen; 100, 5 lbs. Single Bulbs mailed free.

MICHELL'S GORGEOUS LATE FLOWERING TULIPS

DUTCH BREEDER TULIPS

This old-fashioned type has come into prominence very much of late years. They are the race from which practically all other late tulips originated. The colors run principally in the purple, maroon and terra cotta shades; they are gigantic in size and of vigorous growth. The shades of color are really distinct from all other classes, being exceptionally refined. They make a fine effect in hardy borders, and when used as a cut flower last a long while in water. If you want something exceptionally fine in your garden, plant some of these varieties. Breeder tulips cannot be forced.

		Each	Doz.	100	1000
25	**Apricot.** Rich brilliant orange...	$0.08	$0.85	$6.00	$57.50
26	**Cardinal Manning.** Mauve	.06	.50	3.50	30.00
36	**Goliath.** Combination of rose and amber	.06	.50	3.50	30.00
32	**Jaune d'Oeuf.** Golden apricot....	.06	.50	3.75	32.50
32	**Medea.** Red shaded heliotrope..	.06	.50	3.00	27.50
28	**Velvet Queen.** Rich purple.....	.12	1.25	7.50	70.00
	Superfine Mixed. All colors.....	.03	.30	2.00	17.50

Rembrandt Tulip Vesta (See top of next column)

TESTIMONIALS ON MICHELL'S BULBS

Shiremanstown, Pa.

Bulbs I purchased from you last year did fine for my customers this spring. I hope to order considerably more this coming year. GEO. H. RUPP.

Haddonfield, N. J.

Bulbs arrived and look fine. Your stuff always does well for me and I have no doubt about these. J. E. GOLDY.

Notice.—If wanted by mail, add postage at zone rates. Weight, per doz., 1 lb.; 5 lbs., per 100. Single Bulbs mailed free.

REMBRANDT TULIPS

This type comprises a strain of variegated Darwin tulips frequently referred to as broken Darwin or Rembrandt varieties. They resemble the former with the exception of variation as to colors. Any one who wants something real extraordinary in tulips will appreciate these. Our list is made up of the better kinds, although there are many of them. Rembrandt tulips cannot be forced.

	Each	Doz.	100	1000
Apollo. Lilac, white and carmine...	$0.04	$0.35	$2.25	$20.00
Hebe. Lilac, white and brown.....	.05	.50	3.25	30.00
Fleur de Marie. Deep rose pink....	.07	.70	4.50	42.50
Julienne. Rose and white.....	.06	.60	4.00	35.00
Quasimodo. Red and white.....	.05	.50	3.00	27.50
Red Prince. Rich and red.....	.07	.60	4.00	35.00
Vesta. Carmine and white.....	.05	.50	3.00	27.50
Zenobia. White, lilac and maroon..	.05	.50	3.50	30.00
Superfine Mixed. All varieties.....	.04	.35	2.00	17.50

Parrot or Dragon Tulip Gloriosa

PARROT OR DRAGON TULIPS

They are curiously curled and crested. They are fine for bedding and border planting, also useful as a cut flower, keeping well for some time when placed in water. They are very fragrant, and grow about 12 inches high. We offer first size bulbs only in Parrot Tulips, which will bloom; many bulbs offered at low prices will not flower.

Constantinople. Orange scarlet, with black markings in centre.

Gloriosa. A very showy orange and red sort, petal very broad.

Lutea Major. Very large, bright yellow.

Markgraaf of Baden. Large yellow, striped scarlet and green.

Preciosa. Scarlet, slightly striped yellow.

Price of any of the above-named Parrot Tulips, 3c. each; 30c. doz.; per 100, $1.60; $14.00 per 1000.

Mixed in all colors. This mixture is carefully blended and contains only the choicest sorts. Each, 3c.; doz., 25c.; $1.35 per 100; per 1000, $11.00.

6 Bulbs of any one variety at dozen rates; 25 at 100 rates; 250 at 1000 rates (ha)

MICHELL'S EARLY DOUBLE TULIPS

Double Tulips have massive flowers of brilliant and varied colors and the flowers last much longer in bloom than the single varieties. Double Tulips are beautifully adapted for beds on the lawn, in the garden, or for planting in clumps of a dozen or more among shrubbery. They should not be planted in beds with Single Tulips, as they do not bloom as early as the single sorts. Double Tulips are also used extensively for forcing. The number prefixed before the variety denotes the approximate height.

8 **Cochineal.** Brilliant scarlet; splendid bedder and forcer. 4c. each; doz., 40c.; $2.25 per 100, per 1000, $18.50.

10 **Couronne d'Or.** A handsome rich yellow variety; grand forcer. 4c. each; doz., 40c.; $2.50 per 100; per 1000, $22.50.

10 **Couronne des Roses.** Bright pink; early forcer. 5c. each; doz., 50c.; $3.00 per 100; per 1000, $27.50.

12 **Golden King.** Soft canary yellow, shaded deeper yellow; very large and beautiful flower of superb effect for bedding. $1.25 doz.; 100, $9.00.

12 **Gloria Solis.** Bright scarlet with deep yellow border; excellent for bedding or forcing. 3c. each; doz., 30c.; $1.75 per 100; per 1000, $15.00.

11 **Imperator Rubrorum.** Brilliant scarlet; especially adapted to forcing; also fine for bedding. 4c. each; doz., 40c.; $2.25 per 100; $19.00 per 1000,

10 **La Candeur.** Very large, pure white; for forcing or bedding. 3c. each; doz., 25c.; $1.60 per 100; per 1000, $14.00.

10 **La Coquette.** Orange, flaked yellow, for forcing or bedding. 4c. each; doz., 40c.; $2.50 per 100; per 1000, $20.00.

11 **Le Matador.** Dazzling scarlet; for forcing or bedding. 4c. each; doz., 40c.; $2.50 per 100; per per 1000, $22.50.

14 **Lucretia.** Deep rose; splendid forcer. 5c. each; doz., 45c.; $2.50 per 100; per 1000, $20.00.

10 **Murillo.** Superb blush white, turning to beautiful pink; one of the best forcers. 3c. each; doz., 30c.; $1.50 per 100; per 1000, $12.00.

10 **Princess Beatrice.** Delicate pink, flushed white. 4c. each; doz., 35c.; 100, $2.00; per 1000, $15.00.

12 **Rose de la Montagne.** White, flushed pink; fine for pots and forcing; semi-double. 4c. each; doz., 35c.; $1.75 per 100; per 1000, $14.00.

8 **Rose Blanche.** Pure white; suitable for bedding or forcing. 3c. each; doz., 30c.; $1.25 per 100; per 1000, $11.50.

10 **Rubra Maxima.** Dazzling scarlet; good bedder and splendid early forcer. 3c. each; doz., 30c.; $1.75 per 100; per 1000, $15.00.

11 **Salvator Rosa.** Beautiful deep rose; suitable for either forcing or bedding. 4c. each; doz., 30c.; $2.00 per 100; per 1000, $17.00.

Double Tulip—Salvator Rosa

Double Tulip—Couronne d'Or

10 **Tea Rose.** Salmon yellow; exquisite. 6c. each; doz., 50c.; $3.25 per 100; per 1000, $30.00.

11 **Titian.** Red with a yellow border; good for bedding but not for early forcing. 3c. each; doz., 30c.; $2.00 per 100; per 1000, $17.50.

10 **Toreador (New).** A handsome rich orange; a grand forcing variety. 6c. each; doz., 50c.; $3.75 per 100; per 1000, $32.50.

10 **Tournesol, Red and Yellow.** For forcing and bedding. 4c. each; doz., 40c.; $2.50 per 100; per 1000, $22.50.

10 **Tournesol.** Pure deep yellow; forces readily. 4c. each; doz., 35c.; $2.25 per 100; per 1000, $20.00.

11 **Vuurbaak** (*Beacon Light*). Magnificent large flowers, brilliant scarlet; splendid for forcing or bedding. 40c. doz.; per 100, $2.25; $20.00 per 1000.

10 **Yellow Rose.** Deep yellow; late flowering. Good for bedding, but not for forcing. 3c. each; doz., 25c.; $1.50 per 100; per 1000, $12.00.

DOUBLE UNNAMED TULIPS (Separate Colors)

These are very valuable for solid color bedding where no particular design is to be carried into effect and where expense is considered. They will bloom evenly and make a fine show. Not suitable for forcing.

	Each	Doz.	100	1000
Pink, in all shades	$0.03	$0.25	$1.25	$10.00
Red, in all shades	.03	.25	1.25	10.00
White, in all shades	.03	.25	1.25	10.00
Yellow, in all shades	.03	.25	1.25	10.00

MICHELL'S EARLY DOUBLE MIXED TULIPS

These mixtures are carefully blended with the choicest varieties taken from the named sorts, and will produce a grand array of colors.

	Each	Doz.	100	1000
Fine Quality	$0.02	$0.15	$0.85	$7.00
Superfine Quality	.03	.20	1.25	10.00

P. P. Wt. of Double Tulips, 1 lb. per doz.; 100, 5 lbs.

6 Bulbs of any one variety at dozen rates; 25 at 100 rates; 250 at 1000 rates (ha)

MICHELL'S SPRING FLOWERING CROCUS, Etc.

With the introduction of the newer improved Giant Named Crocus this flower has gained untold favor; for it is not only used as in olden days a decoration for lawns, but occupies a place as prominent as tulips; it is most effective in clumps of one color among shrubberies, in borders or garden beds. In lawns planted in the grass the Crocus is extremely effective. They are easily planted in the turf with the aid of a dibble, especially after rains have made the sod moist. The flowers are gone before the lawn requires mowing, so they do not interfere with the summer beauty of the lawn. The Giant flowering named varieties are splendid for flowering in pots, and may also be successfully grown in bowls of water, with moss, fibre or pebbles.

GIANT NAMED VARIETIES

The bulbs of these varieties are very large and each bulb is capable of producing several flowers. In size of flowers and coloring they are a great improvement on the older sorts.

	Doz.	100	1000
Baron von Brunow. Deep blue	$0.15	$1.00	$8 50
Cloth of Gold. Rich yellow, brown veins	.15	.90	8.00
Cloth of Silver. Silvery white, striped lilac	.15	.90	8.00
Mont Blanc. Pure white	.15	.90	8.00
Purpurea Grandiflora. Fine purple	.15	1.00	8.50
Queen Victoria. Pure white	.15	.90	8.00
Sir Walter Scott. White, striped purple	.15	.90	8.00
Giant Named Mixed	.15	.90	8.00

MIXED CROCUS IN SEPARATE COLORS

Our bulbs of mixed Crocus are all of the largest size and should not be confounded with the cheap mixtures which are frequently offered.

	Doz.	100	1000
Blue and Purple	$0.12	$0.60	$5.50
Striped	.12	.60	5.50
White	.12	.60	5.50
Yellow. First size	.12	.60	5.50
Yellow. Mammoth size	.20	1.00	8.00
Yellow. Giant size	.25	1.35	12.00
Mixed. All colors	.10	.50	4.50

Dozen lots of Crocus mailed free. Weight, per 100, 2 *lbs.*

AUTUMN FLOWERING—CROCUS AND COLCHICUM

Effective, hardy bulbous plants, which flower in the autumn without foliage, the latter appearing the following spring. Very desirable, especially for hillsides and terraces. They can be put to splendid use either in clumps in the hardy border, or between shrubs, or for naturalizing in fields, woods or meadows. The latter spots are their natural home.

As a house plant they are a curio. For this purpose they must be placed in shallow saucers near a sunny window. As if by magic over night the flowers peep through the top, first white, and then gradually changing to lavender. Plant early.

	Doz.	100	1000
Sativus (*Saffron Crocus*). Purplish blue	$0.25	$1.50	$12.50
Speciosus. Bright lavender, orange anthers.	.20	1.25	10.00
Colchicum Autumnale Major (*Meadow Saffron*). Purplish rose; 6 inches high; extra large bulbs .....6c. each	.60	4.00	32.50

6 Bulbs of any one variety at dozen rates; 25 at 100 rates; 250 at 1000 rates (hc)

MICHELL'S SUPERB NARCISSUS

Narcissus Emperor

DAFFODILS and JONQUILS

GIANT TRUMPET VARIETIES

Popularly known as

Giant Jonquils

Having gigantic trumpets and massive perianths.

Without the Jonquils or Narcissus no garden is complete, and one must readily concede them the foremost place among bulbous flowers and they really deserve it, for with little care they succeed splendidly in open borders, or naturalized in woodlands, fields or lawns giving effects unequalled by any other flower. Perfectly hardy, they soon establish themselves and with their permanency increase in untold numbers. By using several varieties the flowering period can be extended into weeks. As a house bulb in winter they are indispensable, as their culture is of easiest possible and they never fail. They do not look well as single specimens in a pot, but are desirable if planted several in a pan.

The words Jonquils, Daffodils or Narcissus are often misapplied by amateurs and the result invariably spells disappointment.

Jonquil is a popular name given to all single Trumpet Narcissus, regardless of any other formation or class.

"Daffodils" is the name applied to all Double Narcissus.

The name "Narcissus" calls for the Poet Narcissus and its family, also the Paper White Narcissus or the Polyanthus variety.

Buyers can easily select their favorite varieties from under the different headings where we have described them.

Note—In describing Narcissus, Daffodils, etc., by "perianth" we mean the flower petals surrounding the cup or funnel; "Trumpets" is a word applied to the centre tube or funnel; "Cup" refers to a short cup-like formation in place of the funnel. To assist customers in making a selection we have affixed the height and time of flowering, the height in inches is denoted by figures; F indicates that a variety is suited for planting indoors for winter blooming.

Height in Inches

F **Ard Righ** (*Irish King*). A very showy variety, especially suitable for growing in pans or forcing; trumpet golden yellow, perianth light yellow; very early. 5c. each; doz., 45c.; $3.00 per 100; per 1000, $25.00.

12 F **Bicolor Grandee.** Immense flowers, white broad perianth, beautiful yellow trumpet with frilled edge; one of the best for garden planting or forcing; very late. 4c. each; doz., 30c.; $1.75 per 100; per 1000, $14.50

18 F **Bicolor Victoria.** An enormous flower of tremendous substance, robust habit; trumpet rich golden yellow, beautifully fluted; perianth creamy white, very broad; early.

	Each	Doz.	100	1000
Large Bulbs	$0.05	$0.40	$2.75	$23.50
Monster Bulbs	.07	.70	4.50	40.00

Height in Inches

18 F **Emperor.** One of the best Narcissus in cultivation, for either outdoor or indoor culture. Entire flower is pure golden yellow. Both perianth and trumpet are very massive; mid-season.

	Each	Doz.	100	1000
Large Bulbs	$0.05	$0.40	$2.75	$24.00
Monster Bulbs	.07	.60	4.00	35.00

18 F **Empress.** This variety tallies exactly with the foregoing sort, except that the perianth is pure white and the trumpet golden yellow, making the flower extremely attractive; mid-season.

	Each	Doz.	100	1000
Large Bulbs	$0.05	$0.40	$2.75	$24.00
Monster Bulbs	.07	.60	4.00	35.00

If wanted by Parcel Post, remit at the zone rate (see 2nd page cover). Weight, per dozen, 2 lbs.; 12 lbs., per 100.

6 Bulbs of any one variety at dozen rates; 25 at 100 rates; 250 at 1000 rates.

MICHELL'S SUPERB NARCISSUS (*Continued*)

GIANT TRUMPET VARIETIES

Height in inches

15 F **Giant Princeps.** A very popular variety, being used extensively for naturalizing in woodlands or along streams; one of the best forcing sorts, being very early; perianth sulphur yellow, trumpet rich yellow. 3c. each; doz., 25c.; $1.50 per 100; per 1000, $10.00.

14 F **Glory of Leiden.** Immense flowers of majestic appearance; very long, fluted trumpet, rich golden yellow; the perianth petals are very broad, overlapping each other gracefully; this variety deserves first place in any narcissus collection; late. Each, 12c.; $1.25 per doz.; per 100, $9.00.

18 F **Golden Spur.** A large striking variety of wonderful robust growth, unusually good for garden culture or forcing, very early and blooms freely; the entire flower is pure golden yellow, from which it derives its name.

	Each	Doz.	100	1000
Large Bulbs (Dutch)	$0.04	$0.40	$2.50	$22.50
Monster Bulbs (Dutch)	.07	.60	4.00	35.00

Golden Spur (*Extra Early Forcing Strain*). Desirable for Christmas and New Year's flowering indoors; large bulbs.

	Each	Doz.	100	1000
Monster Size	$0.07	$0.70	$5.00	$40.00

18 F **Henry Irving.** Perianth and trumpet are pure yellow; this variety is peculiarly adapted for border planting or naturalizing as well as for forcing and bedding for handsome effect; very early. 5c. each; doz., 40c.; $2.25 per 100; per 1000, $20.00.

King Alfred. One of the largest and finest pure yellow Narcissus in cultivation. The gigantic flowers are of intense golden yellow color; the trumpet is large and open with a deeply filled edge. 60c. each; doz., $6.00; per 100, $40.00.

16 F **Madame de Graaff.** The best and largest of the pure white trumpet daffodils. When it first comes into flower it shows creamy white, changing to pure white as the flower matures. It is of robust habit and should be included in every collection of narcissus; late. Each, 15c.; $1.50 per doz.; per 100, $10.00.

15 F **Trumpet Major.** One of the best varieties for forcing or outdoor massing; both trumpet and perianth deep golden yellow; very early.

	Each	Doz.	100	1000
Dutch-grown bulbs for outdoors and forcing	$0.03	$0.25	$1.50	$12.00

Trumpet Major (*Christmas Flowering*). French-grown, for early forcing; produces medium-sized flowers with long stems.

	Each	Doz.	100	1000
Mammoth Bulbs	$0.06	$0 50	$3.00	$25.00

12 **William Goldring.** Perianth pure white, trumpet which is very large is light canary yellow, a very distinct variety; mid-season. 4c. each; doz., 40c.; $2.00 per 100; per 1000, $17.50.

PREPARED BULB FIBRE

A composition of materials combined in Holland, where it has been extensively used and found to be of great importance in producing fine flowers. The bulbs are potted in this instead of soil. 30c. ½ peck; peck, 50c.; 85c. ½ bushel; bushel, $1.50. (See page 3 for full information.)

6 Bulbs of any one variety at dozen rates; 25 at 100 rates; 250 at 1000 rates.

MICHELL'S SUPERB NARCISSUS

MEDIUM TRUMPET OR CUP VARIETIES

This class is more extensively used for bedding, naturalizing and border planting than others, largely on account of their low cost and because of the genuine satisfaction they always give for this purpose.

Single Narcissus (*Mrs. Langtry*).

Height in inches

14 F **Albicans** (*White Spanish Daffodil*). Creamy white perianth with a delicate yellow trumpet almost white; blooms early outdoor; suitable for moderate forcing. 5c. each; doz., 40c.; $2.50 per 100; per 1000, $22.50.

Height in inches.

20 F **Barrii Conspicuus.** A beautiful flower with large spreading yellow perianth; the crown or cup is orange scarlet; free bloomer, best suited to outdoor culture; can also be forced. 3c. each; per doz., 25c.; $1.25 per 100; per 1000, $10.00.

14 **Cynosure.** Primrose yellow perianth, orange shaded cup stained scarlet; this is one of the showiest in its class; a very free bloomer and is fine for cutting; recommended for outdoor planting in herbaceous borders and shrubbery; midseason. 3c. each; doz., 25c.; $1.25 per 100; $9.50 per 1000.

14 **Figaro.** Graceful form, one of the largest in this class; the lemon yellow perianth is very broad petaled while the light yellow cup is richly shaded orange. This should be planted largely in every hardy border or any other spot where it can give a natural effect; midseason. 3c. each; doz., 25c.; $1.25 per 100; per 1000, $9.50.

6 F **Bulbocodium** (*Hoop Petticoat*). Flower when perfected resembles a hoop skirt of exquisite golden yellow; the diminutive blooms are exceedingly graceful and decorative, and whether grown in a pan or in clumps in the natural border or in a rockery it is undeniably pretty. The foliage is very small, almost invisible; a clump of these flowers has the appearance of a blaze of gold; late. 5c. each; doz., 45c.; $2.75 per 100; per 1000, $25.00.

12 **Stella.** One of the earliest varieties to bloom outdoors, for which purpose only it should be planted; tremendously free flowering; blooms are somewhat star-shaped, perianth white with a light yellow cup; fine for cutting; midseason. 3c. each; doz., 20c.; $1.25 per 100; per 1000, $9.50.

14 F **Leedsii Mrs. Langtry.** This is ideal for massing. Its color is distinct, being entirely pure white, is very attractive on account of its broad perianth; for planting either indoor or out, it always gives satisfaction; late. 3c. each; 20c. doz.; per 100, $1.25; $10.00 per 1000.

12 **Obvallaris** (*Tenby Daffodil*). Pure golden yellow, very distinct, for outdoor planting only; it is a small cupped variety; late. 4c. each; doz., 35c.; $2.00 per 100; 1000, $15.00.

20 F **Sir Watkin** (*Giant Chalice Flower*). The flower is probably the largest in its class, measuring often 15 inches across; for moderate forcing as well as bedding on a large scale; it is pleasing and very free flowering; perianth lemon yellow, cup or crown deep yellow; very early. 4c. each; doz., 40c.; $2.25 per 100; per 1000, $20.00.

A BOOK ON DAFFODILS (Narcissus)

The history of this beautiful flower is related therein extensively, the culture complete in detail such as the cultivation in gardens, naturalizing, growing in pots, for house culture in earth and water; the forcing as well as the originating of new varieties are distinguishing features of this instructive book. Price, postpaid, $1.20.

SPECIAL OFFER. For a bulb order amounting to $20.00 or more and accompanied by remittance, we will include this instructive book FREE.

6 Bulbs of any one variety at dozen rates; 25 at 100 rates; 250 at 1000 rates.

POETICUS ORNATUS, PLANTED ON THE BANKS OF A STREAM

THE OLD FASHIONED POETS NARCISSUS

This class is noted for its hardiness and freedom of bloom. It is one of the most popular types; used extensively for wild gardening or naturalizing, being so **very inexpensive** that most anyone can afford to plant them by the thousand. They are quite fragrant and are splendid cut flowers. Ornatus and Elvira are used for forcing, the others being best for outdoor planting.

Height in Inches

12 **Biflorus.** Two to three flowers appear on a single stalk; perianth pure white; the crown is soft yellow; it flowers very late and is delightfully sweet scented. Each 3c.; 20c. doz.; per 100, $1.15; $9.00 per 1000.

12 **Burbidgei.** This is the earliest variety, bearing pure white flowers, the cup being beautifully fringed and margined red. Each, 2c.; 20c. doz.; per 100, $1.15; $8.50 per 1000.

15 F **King Edward VII** (*Almira*). An improved type, having magnificent large flowers with broad, round petals, a glistening white, and the yellow cup is edged deep red; a very early flowering variety. 4c. each; doz., 40c.; $2.75 per 100; per 1000, $25.00.

24 F **Poetaz Elvira.** This remarkable novelty is the result of a cross between the Pheasant Eye and the Polyanthus Narcissus, combining hardiness with the cluster flowering effect. The blooms which are pure white of remarkable substance and delicate yellow cup never come less than 3 to 4 to a long stem and from 2 to 3 stems are produced from a single bulb. The fragrance is distinct, resembling that of a Gardenia. It forces well and early. Each 4c.; 40c. doz.; per 100, $2.75; $25.00 per 1000.

12 **Poeticus Ornatus.** A much improved form of the ordinary Poeticus, producing larger flowers and blooming two weeks earlier; especially adapted for forcing, being a splendid cut flower; midseason.

	Each	Doz.	100	1000
First-size Bulbs	$0.03	$0.20	$1.00	$8.50
Mammoth Bulbs	.04	.25	1.50	12.00

Height in Inches

12 **Poeticus** (*Pheasant's Eye*). The popular narcissus for garden planting; pure white with scarlet edged cup or eye; most effective when planted in clumps on lawns, in woodlands, meadows, on banks of streams and ponds, as well as in the border and herbaceous bed. Very hardy and increase readily in numbers; late. 2c. each; per doz., 15c.; 85c. per 100; per 1000, $7.00.

HARDY NARCISSUS IN MIXTURE

We import a very large number of these on account of the popular demand. They are a good investment at any time. For massing in borders, fields, woods and, in fact, anywhere, they more than return their cost in the liberal manner in which they flower, producing a wide range of color and variety of bloom. We offer large size bulbs only, which can be depended upon for results the first season.

Single Varieties. 20c. per doz.; per 100, $1.00; $8.00 per 1000; per 5,000, $36.50.

Double Varieties. 20c. per doz.; per 100, $1.00; $8.75 per 1000; per 5,000, $42.50.

6 Bulbs of any one variety at dozen rates; 25 at 100 rates; 250 at 1000 rates.

POLYANTHUS NARCISSUS

This class of Narcissus is a most interesting one. They may be grown in water and pebbles like Chinese lilies, but they are equally suited for growing in soil. The flowers are produced in clusters, like the illustration, and they are delightfully fragrant. Not suitable for outdoors. Parcel Post Weight of Polyanthus Narcissus, 2 lbs. per dozen; per 100, 12 lbs.

Double Roman. White perianth, with an orange and yellow suffused cup; very free flowering and early. 4c. each; per doz., 30c.; $1.50 per 100; per 1000, $12.75.

Gloriosa. A very showy type, with white perianth and orange yellow cup; very pretty. 5c. each; per doz., 40c.; $2.50 per 100; per 1000, $22.00.

Grand Monarque. Large, broad, white perianth with a primrose-yellow cup; a very striking flower. 5c. each; per doz., 40c.; $2.50 per 100; per 1000, $20.00.

Grand Soleil d'Or. Rich yellow, with deep red cup. For cutting this is a fine variety, as it makes a grand show. 5c. each; per doz., 40c.; $2.50 per 100; per 1000, $20.00.

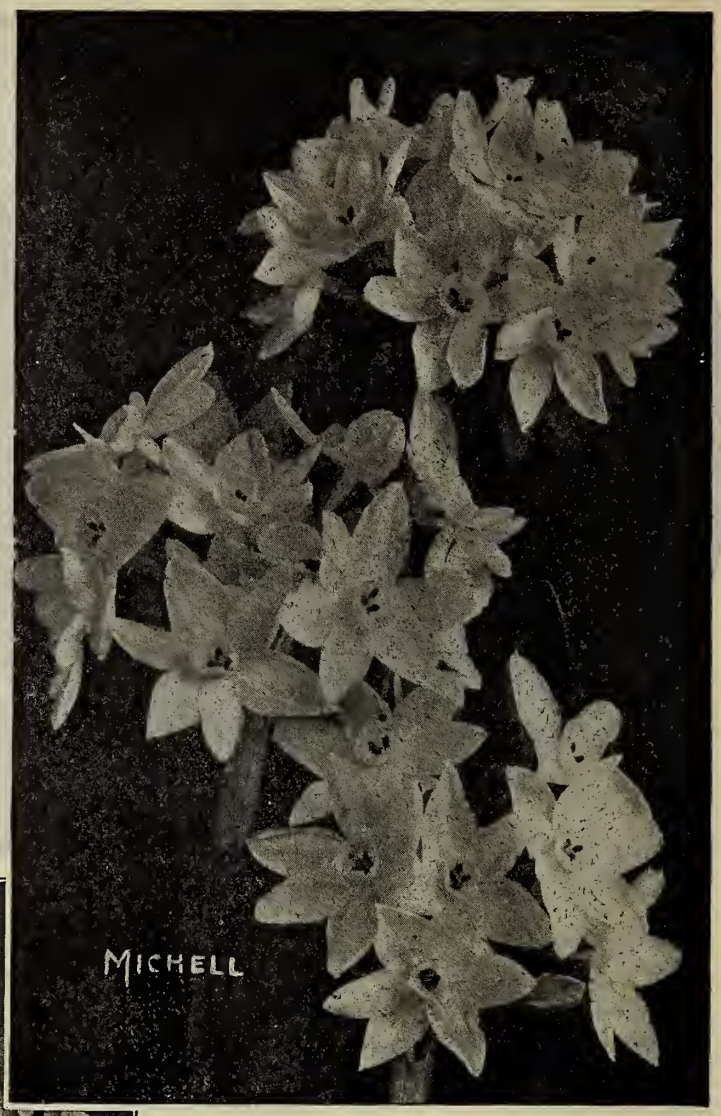
Paper White Grandiflora, First Size Bulbs. This is quite a specialty with us; of it alone we import over one million bulbs. It is a pure white flowering sort; used extensively for forcing as it can be brought into bloom in 8 weeks' time; the stems are very long and it is excellent for bunching. 4c. each; per doz., 25c.; $1.50 per 100; per 1000, $14.00.

Paper White Grandiflora, Mammoth Bulbs. 6c. each; per doz., 40c.; $2.00 per 100; per 1000, $17.50.

Paper White Grandiflora, Giant Bulbs. 7c. each; doz., 60c.; $4.00 per 100; per 1000, $35.00.

White Pearl. A large pure white; very exquisite. 5c. each; per doz., 40c.; $2.50 per 100; per 1000, $22.50.

Polyanthus Narcissus, Mixed. All colors and varieties. 4c. each; per doz., 30c.; $1.60 per 100; per 1000, $14.00.



Michell's Giant Narc. P. W. Grandiflora

Michell's Double Jonquils

SWEET SCENTED JONQUILS

These delightful little flowers are especially graceful when grown in pans or pots, but do equally well outdoors. The slender foliage stalks enhance a most fragrant flower borne in clusters of 2 to 4.

Single Jonquils. Rich yellow, very fragrant, height 12 inches. 2c. each; per doz., 15c.; 80c. per 100; per 1000, $7.00.

Double Jonquils. Flowers very double, deep golden-yellow, height 12 inches. 4c. each; per doz., 35c.; $2.00 per 100; per 1000, $17.50.

Campernelle. Single yellow; a grand forcer. 2c. each; per doz., 20c.; $1.00 per 100; per 1000, $7.50.

Campernelle Rugulosus. Single yellow; larger than the plain Campernelle. 3c. each; per doz., 25c.; $1.25 per 100; per 1000, $10.00.

Parcel Post Weight of Jonquils, ½ lb. per doz.; per 100, 3 lbs.

6 Bulbs of any one variety at dozen rates; 25 at 100 rates; 250 at 1000 rates.

MICHELL'S DOUBLE NARCISSUS OR DAFFODILS AND JONQUILS

The Narcissus or Daffodil is becoming more popular every year. It is hardy in every way and thrives most anywhere. For naturalizing in woods and fields nothing equals it. When once established they multiply rapidly and in a short time cover tremendous areas. Many varieties can also be used for forcing, for which purpose they are highly desirable. Plant in a pan or pot anywhere from 3 to 12 bulbs, according to size of bulb. We offer large bulbs only. *Parcel Post Weight of Double Narcissus, 1¼ lbs. per dozen; per 100, 10 lbs. Single Bulbs mailed free.*

Alba Plena Odorata. A very sweet-scented pure white variety called Double Poets Narcissus; it flowers later than many of the other daffodils, and is not desirable for forcing. It makes a handsome show bedded among perennial plants and shrubbery; height about 15 inches. 3c. each; per doz., 20c.; $1.20 per 100; $9.75 per 1000.

Double Jonquils (*Sweet Scented*). Pure golden yellow; deliciously fragrant. Clumps of these planted outdoors make a beautiful effect. Indoors they can be brought into flower with ease, when they should be planted in pans containing not less than a dozen bulbs. Height, 12 inches. 4c. each; doz., 35c.; $2.00 per 100; per 1000, $17.50.

Incomparable Double. On account of the peculiar suffusion of the colors in the flower, this variety is also known as "Butter and Eggs." The color is yellow and orange, and makes an attractive cut bloom. Its greatest value is for outdoor planting, as it does not force so well. Height about 16 inches. 3c. each; per doz., 25c.; $1.50 per 100; per 1000, $12.00.

Orange Phoenix. A variety similar to the above, except for coloring, which is a light yellow, almost white, with a yellow centre. It is splendid for forcing or pot culture. It is also called "Eggs and Bacon." Height, 16 inches. 4c. each; per doz., 30c.; $1.75 per 100; per 1000, $14.50.

Sulphur (or Silver) Phoenix. Flowers very large, blush-white; the centre is sulphur colored; excellent for forcing or outdoor planting. Height about 18 inches. 4c. each; per doz., 40c.; $2.00 per 100; per 1000, $17.50.

Von Sion (*Telamonius Plenus*). The true double daffodil. Our stock of these comes from one of the largest daffodil producers in Holland. The color is a pure golden yellow, entirely free from green-tipped flowers, which are often found in cheap grades. For forcing or outdoor planting it has no equal. It should be planted extensively for naturalizing. A bed or clump of these planted outdoors, and intermingled with plantings of Violas, Pansies or English Daisies, make a delightful early spring floral combination.

	Each	Doz.	100	1000
First Size Bulbs	$0.04	$0.30	$2.00	$18.50
Mammoth Size Bulbs	.05	.50	3.00	26.00

Monster Bulbs, producing three or more flowers per bulb, 8c. each; per doz., 70c.; $4.00 per 100; per 1000, $35.00.

Double Mixed Narcissus. All shades, varieties and colors. A quantity of these make a handsome investment, and at the low price which they are offered should be planted extensively. Do not force the mixed narcissus. 2c. each; per doz., 20c.; $1.00 per 100; per 1000, $8.75.

6 Bulbs of any one variety at dozen rates; 25 at 100 rates; 250 at 1000 rates

MICHELL'S SUPERB EASTER LILY BULBS FOR INDOOR CULTURE

Lilium Formosum, grown from one bulb of Michell's Easter Lilies, showing 18 fully developed flowers, and an abundance of buds

Cultural Note—In order to obtain best results, attention to the following brief directions will assist materially: Upon receiving the bulbs, pot them immediately. Place a handful of well-rotted cow manure in the bottom of the pot and place the bulb directly on top, covering it with soil. After watering, place in an outside pit and protect from the direct rays of the sun; cover well with soil, ashes or any other suitable litter. When thoroughly rooted, bring inside, in a temperature of about 60°; let the plants grow slowly under a bench or some other suitable place until about 6 inches high; then place on top of the bench. About two months before Easter they can be brought into a warmer temperature and gradually forced into flower and height at one time. An occasional application of liquid cow manure will stimulate the plant wonderfully. Spray the foliage once a day. Never allow the soil to get very dry, and never feed, unless the soil is moist.

MICHELL'S "SPECIAL BRAND" LILIUM HARRISII

(True Bermuda Easter Lily)

Noted for freedom from disease, uniformity and free flowering qualities.

Size in Circum.	P. P. Wt. per doz.	Each	Doz.	100	1000
5 to 7 inches	2½ lbs.	$0.10	$1.00	$6.50	$62.50
6 to 7 "	3 lbs.	.15	1.50	9.00	85.00
7 to 9 "	3½ lbs.	.25	2.00	13.50	125.00
9 to 11 "	5 lbs.	.50	5.00	27.50	
11 to 13 "	7 lbs.	.75	7.50	57.50	

LILIUM LONGIFLORUM MULTIFLORUM

MICHELL'S SPECIAL BRAND *(Ready in October)*

This brand must not be compared with lower priced bulbs, as it is a distinct selection.

	P. P. Wt. per doz.	Each	Doz.	100	1000
6 to 8 inches	2½ lbs.	$0.08	$0.80	$5.50	$50.00
7 to 9 "	3½ lbs.	.12	1.10	7.50	70.00
8 to 10 "	4 lbs.	.18	1.75	10.50	95.00
9 to 10 "	5 lbs.	.25	2.00	12.00	105.00
Monster Bulbs	7 lbs.	.50	5.00	35.00	

If Lilies are wanted by Parcel Post, please add postage at zone rates (see 2nd cover page).

LILIUM FORMOSUM *(The Formosa Easter Lily)*

This variety resembles the **Bermuda Easter Lily,** but blooms earlier and grows taller.

Dark Stemmed Type

(Flowering generally in March and April.)

	Weight Per Doz.	Each	Doz.	100	1000
6 to 8 inches circum.	2½ lbs.	$0.15	$1.50	$8.00	$75.00
7 to 9 " "	3½ lbs.	.20	2.25	13.50	120.00
9 to 10 " "	5 lbs.	.25	2.50	17.50	160.00
10 to 12 " "	7 lbs.	.50	5.00	35.00	
Monster Bulbs	9 lbs.	1.00	10.00		

Green Stemmed Type

(Flowering generally in January, February and March.)

	Weight Per Doz.	Each	Doz.	100	1000
6 to 8 inches circum.	2½ lbs.	$0.10	$1.00	$7.00	$65.00
7 to 9 " "	3½ lbs.	.15	1.50	10.00	85.00
9 to 10 " "	5 lbs.	.20	2.00	15.00	135.00
10 to 12 " "	7 lbs.	.40	4.00	30.00	

LILIUM LONGIFLORUM GIGANTEUM (True)

	Weight Per Doz.	Each	Doz.	100	1000
6 to 8 inches	2½ lbs.	$0.10	$1.00	$7.00	$65.00
7 to 9 "	3½ lbs.	.15	1.50	9.00	85.00
9 to 10 "	5 lbs.	.20	2.00	15.00	135.00
Monster Bulbs, 10 to 12 ins.	7 lbs.	.50	5.00	35.00	

6 Bulbs of any one variety at dozen rates; 25 at 100 rates; 250 at 1000 rates

(ha)

MICHELL'S HARDY GARDEN LILIES

Lilium Candidum (*Madonna Lily*)

Ready in October, except where noted.

What garden could be called complete without a fair display of these stately flowers. Their graceful habits, their ability to adapt themselves to special locations and the variety of them to have flowers almost the entire summer makes them very valuable. Their culture is simple, yet a few rules must be strictly observed to make them grow successfully.

All lilies should be planted from 6 to 8 inches deep, the Japanese varieties even 12 inches deep, the bulbs themselves should be completely enveloped in sand; no manure should come in contact with the bulb, but may be placed 4 to 6 inches underneath, all loose petaled bulbs should be planted on their side instead of upright.

Hardy Lilies are sometimes grown in pots for indoor blooming, in which case they are handled much like the Bermuda Easter Lily; we recommend, however, they should be grown exclusively outdoors.

Wild gardening, a feature becoming popular of late, gives lilies the foremost place.

In winter all lilies should have a protection with leaves or manure.

Auratum (*Golden Banded Lily from Japan*). A variety planted most extensively; flowers of enormous size, measuring frequently 8 to 12 inches across; pure white, spotted crimson; each petal is marked in the centre with a band of yellow. The height varies according to location; it prefers a moist, cool well-drained soil. Flowers in August, delightfully fragrant; a single stem produces on an average from 8 to 15 flowers.

	Each	Doz.	100
Large Bulbs, 8 to 9 inch circ.	$0.15	$1.50	$10.00
Mammoth Bulbs, 9 to 11 inch circ.	.20	2.00	15.00
Monster Bulbs, 11 to 13 inch circ.	.30	3.25	20.00

Candidum (sometimes called St. Joseph's, Madonna, or Annunciation Lily). One of the most popular and satisfactory of the American garden lilies. Pure waxy white flowers produced on straight stems bearing anywhere from 10 to 30 blooms of good size and substance; delightfully fragrant. Effective plantings are the result of massing them in clumps or borders. Our bulbs are grown in Northern France, where they have a reputation of growing the finest in the world. To insure absolute success, plant the bulbs as early as possible—September preferred—6 inches deep imbedded in sand and placed on their side; height, 4 feet; blooms in June. (Ready in August.)

	Each	Doz.	100	1000
Large Bulbs	$0.12	$1.00	$7.50	$65.00
Mammoth Bulbs	.15	1.50	10.00	90.00
Monster Bulbs	.25	2.50	17.50	150.00

Melpomene (*Japan*). Rich deep pink, spotted dark red; free blooming and robust in growth; very fragrant; height, 3½ feet; flowers in August.

	Each	Doz.	100
Large Bulbs, 8 to 9 inch circ.	$0.15	$1.50	$10.00
Mammoth Bulbs, 9 to 11 inch circ.	.25	2.50	17.50

Speciosum Album (*Japan Lily*). The best late flowering pure white hardy garden lily of easy culture. The slender graceful stems and foliage are set off to wonderful advantage by the glistening pure white blooms clustered from 6 to 10 around the stem; the petals recurve and show the prominent red piston in the centre; height, 4 feet; blooms August and September.

	Each	Doz.	100
Large Bulbs, 8 to 9 inch circ.	$0.20	$2.00	$15.00
Mammoth Bulbs, 9 to 11 inch circ.	.30	3.00	17.50

Speciosum Magnificum (*Japan*). An enormous flower, rich deep pink, spotted crimson; the form of flower is recurved like "Speciosum Album"; this is one of the grandest of the Jap varieties; height, 3 feet; flowers in August.

	Each	Doz.	100
Large Bulbs, 8 to 9 inch circ.	$0.15	$1.50	$10.00
Mammoth Bulbs, 9 to 11 inch circ.	.25	2.50	15.00
Monster Bulbs, 11 to 13 inch circ.	.30	3.00	20.00

Speciosum Rubrum or Roseum (*Japan*). Delicate pink, almost white, spotted red; one of the old garden favorites; very hardy; height, 3 feet; flowers in August and September.

	Each	Doz.	100
Large Bulbs, 8 to 9 inch circ.	$0.15	$1.50	$10.00
Mammoth Bulbs, 9 to 11 inch circ.	.20	2.00	15.00
Monster Bulbs, 11 to 13 inch circ.	.30	3.00	20.00

6 Bulbs of any one variety at dozen rates; 25 at 100 rates; 250 at 1000 rates

MICHELL'S HARDY GARDEN LILIES

OLD FASHIONED TIGER LILIES

The improved Tiger Lily, one of the hardiest in cultivation, which succeeds and increases in all climates; splendid for naturalizing in groups and around shrubbery. The orange blossoms are heavily spotted maroon and borne in clusters of from 4 to 10 blooms on a straight heavy stalk, often 5 feet in height. Deep purple seed pods form on the axils of the leaves; blooms in July.

Tigrinum Splendens Simplex. *Mammoth bulbs* grown in Japan, 10c. each; doz., $1.00; $7.50 per 100.

Tigrinum Splendens (*Flore Pleno*). A double form of the above, retaining its flower longer, otherwise is as above. *Mammoth bulbs* grown in Japan, 15c. each; doz., $1.50; $10.00 per 100.

	Each	Doz.	100
Brownii. One of the most beautiful Lilies; pure white inside, outside brown purple....	$0.50	$5.00	
Canadense (*Canadian Bellflower Lily*). Bright yellow bell-shaped flowers; petals are spotted black; June and July; 2 feet.....	.10	1.00	7.50
Canadense Rubrum. Same as above, crimson with black spots.....	.20	1.75	12.50
Elegans, Painted Chief. Bright flame color. Flowering early June; 2 feet; large open flowers stand upright in clusters from 3 to 5 on a stout stem.....	.15	1.50	11.00
Elegans, Leonard Joerg. Rich apricot.....	.20	1.75	12.50
Hansoni. Often grows from 3 to 5 feet high, flowers reddish orange 8 to 12 in a cluster; petals thick and durable	.50	5.00	40.00
Henryi (*New and Rare*). Tall grower, often 7 feet; producing flowers of a distinct orange yellow in great profusion	.60	6.00	
Superbum (*Turk's Cap Lily*). One of the best lilies for all purposes; will succeed everywhere; according to location, will grow from 3 to 6 feet high and produce from 5 to 45 nodding brilliant orange red flowers on a single stalk during July	.15	1.50	10.00
Tenuifolium (*Coral Lily*). Brilliant scarlet, Turk's cap flowers, of rather small size, hang downward on a small but gracefully formed tree-like plant; splendid for edges of borders, rockeries or cutting; foliage very slender; flowers in May	.15	1.50	10.00
Umbellatum. A showy, massive lily, flowering in June; the broad, open flowers appear upward from 5 to 8 on a stout stalk, 3 feet high; color, a glowing orange scarlet; most effective when planted in clumps	.15	1.50	10.00

Lilium Auratum

6 Bulbs of any one variety at dozen rates; 25 at 100 rates; 250 at 1000 rates.

MISCELLANEOUS WINTER AND SPRING FLOWERING BULBS

ACONITE—Winter (Eranthis Hyemalis)

A very early golden yellow flowering bulb blooming with the Snowdrop. The foliage is quite dense and remains after the flower has died down. Aconite should be planted where it is shaded, preferably in a moist location; perfectly hardy. Height, about 6 inches. Dozen and 100 lots mailed free. 3c. each; 20c. per doz.; per 100, $1.00; $7.50 per 1000.

Winter Aconite

Allium Neapolitanum.

ALLIUM

Neapolitanum. Used extensively for indoor culture in pots and pans. It is especially adapted to forcing and makes an excellent cut flower; color pure white. Height 12 inches. It may also be planted outdoors among the hardy plants and is very effective in clumps of 25 or more. Dozen and 100 lots mailed free. Each, 2c.; 15c. per doz.,; per 100, 90c.; $7.00 per 1000.

AMARYLLIS

One of the most gorgeous showy house plants, giving splendid satisfaction, not only because of their requiring little care, but of their everlasting nature and tendency to increase. Once potted they can remain in the pots for years; increasing each year in beauty.

Cultural Directions.—Place bulbs in live moss, only moderately moist, near a window of a warm room. Watch the bulbs carefully, and when the first sign of growth appears through the top, get a six-inch pot and be ready to pot up. The soil to be used should be fairly rich and when the bulb is set, most of it should be above the soil. Be moderate in watering first, but increase as growth increases, then place in a warm, light room near the window, and the magnificent spikes usually appear in a short time.

Belladonna. A beautiful bright pink. 15c. each; per doz., $1.50.
Formosissima. Crimson. 10c. each; per doz., $1.00.
Hybrids of Vittata. Beautiful species, flowers striped and flaked. 50c. each; per doz., $5.00.
Johnsoni. A very large crimson sort, striped white. *Mammoth bulbs,* 50c. each; per doz., $5.00. *First size bulbs,* 30c. each; per doz., $3.00.

SMALL AMARYLLIS OR ZEPHYRANTHES (See Page 35.)

ANOMATHECA CRUENTA (Scarlet Freesia)

(*Ready in November*)

This little bulb produces an attractive scarlet flower much resembling the favorite Freesia. It is used principally for forcing indoors, but may be planted out if protected during winter. The flowers, which are borne in great profusion, are a rosy scarlet, spotted crimson on the three lower petals. Price includes postage on dozen and 100 lots. 3c. each; per doz., 20c.; $1.00 per 100; $8.00 per 1000.

BEGONIAS (Tuberous Rooted) *Ready in December*

There hardly is a single garden in which there are not semi or entirely shaded spots where the average flower will not grow; such places are ideal for the begonia; yet it will make a dazzling show in the open. Enormous wax-like flowers appear uninterruptedly from June till frost. The bright blooms contrast well with the deep-colored foliage. The bulbs must be lifted in the fall. If you have never grown them, try them this year; start your bulbs in March and have flowers in June. Plant bulbs outdoors not before May 1st.

	SINGLE BEGONIAS			DOUBLE BEGONIAS		
	Each	Doz.	100	Each	Doz.	100
Crimson	$0.10	$0.75	$5.00	$0.15	$1.25	$8.00
Orange	.10	.75	5.00	.15	1.25	8.00
Pink	.10	.75	5.00	.15	1.25	8.00
Scarlet	.10	.75	5.00	.15	1.25	8.00
White	.10	.75	5.00	.15	1.25	8.00
Yellow	.10	.75	5.00	.15	1.25	8.00
Mixed	.07	.60	4.50	.12	1.00	6.75

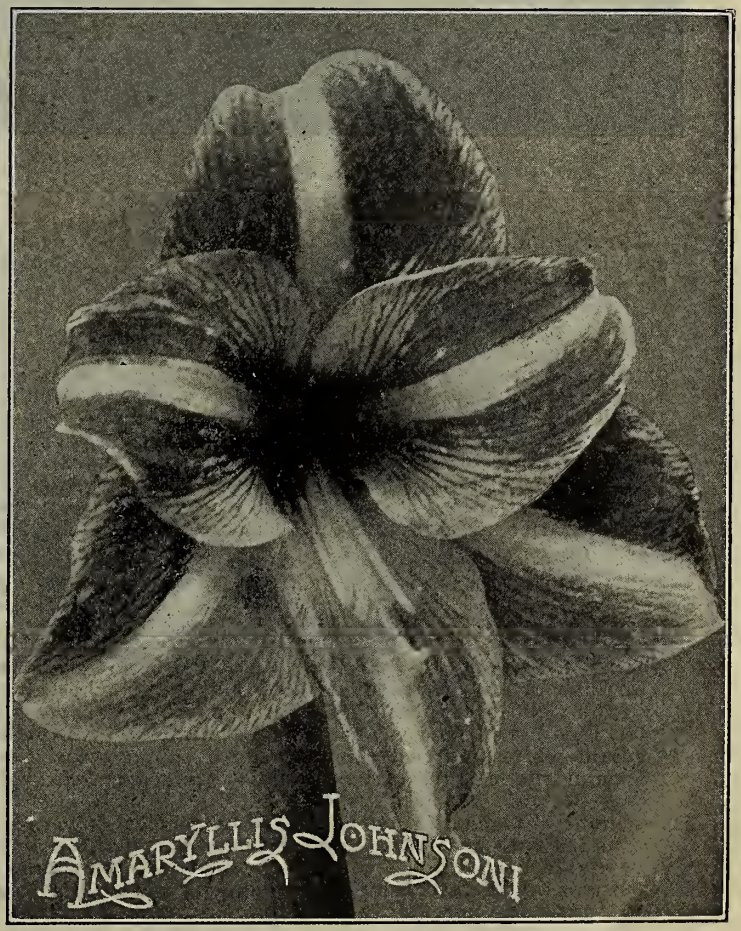
NEW FRILLED BEGONIAS (Single)

The edge of each flower petal is exquisitely frilled and crested, giving it thereby a charming appearance. Every one who grows Tuberous Begonias should plant some of this variety.

	Each	Doz.	100
In separate colors as above	$0.15	$1.50	$10.00
Mixed, all colors	.12	1.20	8.00

NAMED TUBEROUS BEGONIAS

	Each	Doz.	100
Lafayette. Brilliant crimson, double	$0.20	$2.00	$15.00
Graf Zeppelin. Double; vermilion scarlet	.15	1.50	11.00
Bertini. Brilliant vermilion; single	.15	1.50	11.00
Cardinal. Rich cardinal red	.25	2.25	15.00



6 Bulbs of any one variety at dozen rates; 25 at 100 rates; 250 at 1000 rates.

Anemone, St. Brigid

ANEMONES (Wind Flowers)

These popular flowers of French origin are exceedingly useful, both as a decorative plant for house or garden, fine for cutting. If planted outdoors in the fall they must be well protected with leaves or other litter, they may also be planted in the spring in well drained soil and will flower during the summer, starting in May. When planted in pots place 12 or more in a cluster and store away, if possible, in a cold frame, there they should be left until the middle of March; if carefully watered when brought into the house they will flower abundantly; height, 12 inches. Parcel Post Weight, per 100, 1 lb.

CORONARIA OR POPPY FLOWERING TYPES

	Each	Doz.	100	1000
Single Scarlet	$0.03	$0.20	$1.25	$10.00
" **Blue**	.03	.20	1.25	10.00
" **White** (*The Bride*)	.03	.20	1.00	7.50
" **Mixed,** all colors	.03	.20	1.00	7.50
Double Mixed, all colors	.03	.25	1.25	10.00

Anemone, St. Brigid (*Semi Double*). A giant flowering type of Irish origin, magnificent blooms often 5 inches across, of the richest and daintiest colors, covering maroon, scarlet, blood red, old rose, pink, blue, purple, mauve, yellow, cream white; most of them having a bright colored ring around the centre. Mixed Colors. 4c. each; doz., 35c.; $2.25 per 100; per 1000, $20.00.

Anemone, Fulgens (*Single*). Dazzling scarlet flowers surrounded with graceful foliage, makes a pot of these a most desirable acquisition. One of the showiest anemones in cultivation, the shade of color being a rarity. Each, 4c.; 30c. per doz.; per 100, $2.00; $17.50 per 1000.

CALLA LILIES

These popular house plants produce their showy, fragrant blossoms uninterruptedly during the whole winter. The soil for Callas should be somewhat stiff; a mixture of clayey soil, well rotted cow manure and a little sharp sand will be ideal. The water to be used in watering Callas should always be warm. Plant Callas indoors only. Parcel Post Weight, 3 lbs. per doz.

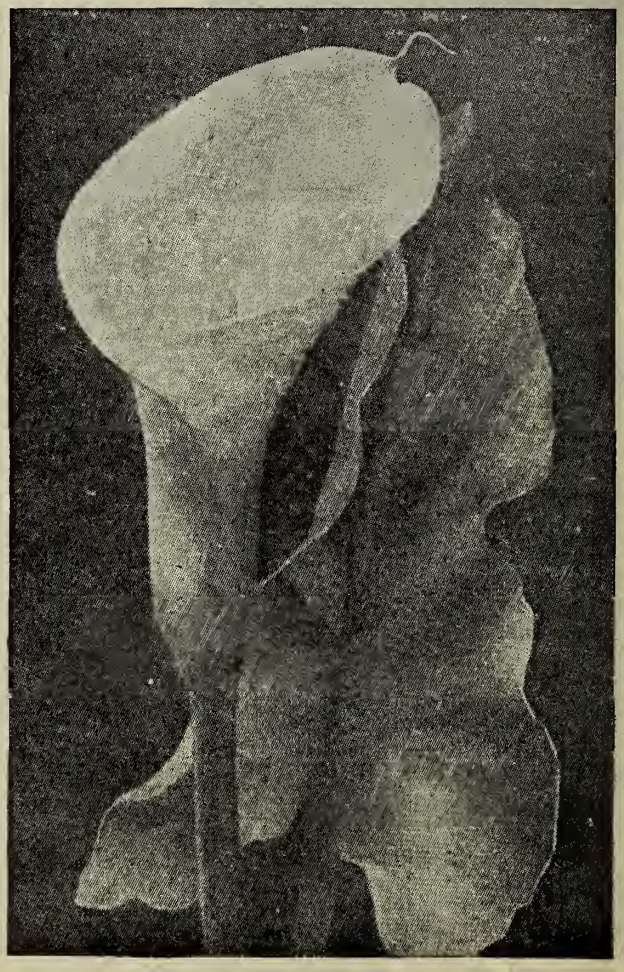
		Each	Doz.	100
White Calla (*Aethiopica*).	**Monster Size**	$0.40	$4.00	$30.00
" " "	**Mammoth Size**	.30	2.75	17.50
" " "	**Medium Size**	.20	1.75	12.50
" " "	**First Size**	.15	1.25	8.00

Godfrey Dwarf Everblooming Calla. Compared with the ordinary white Calla, it gives three flowers to one, the flower being nearly as large, of perfect form and pure white. Properly treated, the same plant will produce flowers without ceasing. The plant is dwarf, compact, about 18 inches high. Large blooming size bulbs, 25c. each; doz., $2.50; $15.00 per 100.

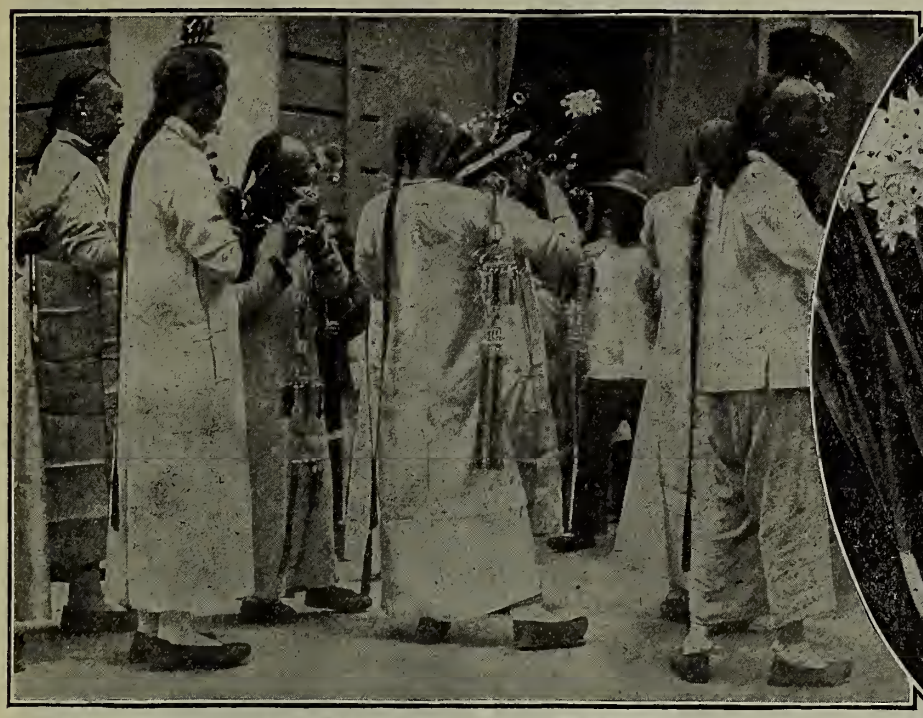
Black Calla. Dark flower. This variety should be watered sparingly until growth appears (ready in October). 15c. each; per doz., $1.50; $10.00 per 100.

Spotted Calla. White flower, green foliage spotted white (ready in October). 10c. each; per doz., $1.00; $7.00 per 100.

Yellow Calla (*Elliottiana*). A grand novelty, one that should be planted extensively. The deep golden yellow flowers are truly magnificent, and produced in abundance. The green foliage is spotted creamy white, which adds to its beauty. 20c. each; doz., $2.00; $15.00 per 100.



White Calla Lily



MICHELL'S MAMMOTH FLOWERING CHINESE LILIES

(See illustration.)

This type of Narcissus (*Orientalis*) is also known as Joss Flower, Shui Sin Far, or Flower of the Gods, is a most remarkable house flower, producing its beautiful, fragrant blossoms of white and yellow in the astonishing short time of 4 to 6 weeks. Popularly they are grown in bowls of water and pebbles; the most satisfactory method of treating them is as follows:

Place from 3 to 6 bulbs in a bowl on top of pebbles to the depth of 2 inches; also place a piece of charcoal with the pebbles to keep the water sweet. Place more pebbles around the bulbs so they will not topple over and then fill the bowl with water to the top of pebbles. After being planted they should be stored for three weeks in a cool, dark corner and then brought forth to a light but cool place, where they will grow to the highest point of perfection. Excessive heat produces quick growth but will blight the buds and no flowers are the result; they also do best where no coal stoves or gas-lights are used in the room where they flower.

They may of course also be grown in pots with soil or sand, bulbs, fibre and moss. To have succession of blooms start a fresh bowl every 2 weeks.

	Each	3 Bulbs	Doz.	Basket of 30 Bulbs
Large Bulbs	$0.10	$0.25	$0.90	$2.00
Mammoth Bulbs	.15	.40	1.50	3.50
Monster Bulbs	.25	.65	2.50	5.25

Parcel Post Weight of Chinese Lilies 4 lbs. per dozen. Single bulbs mailed free.

GOLDEN CHINESE LILY

A beautiful variety. The centre cup is deep yellow while the perianth is lighter. Treat exactly the same as the regular Chinese Lily. Very fragrant.

Large Bulbs—5c. each; per doz., 50c.; $4.00 per 100.

Glass Bowls for Chinese Lilies. For one bulb—15c. each; per doz., $1.50. For three bulbs—25c. each; per doz., $2.50 (not mailable).

Pebbles for Chinese Lilies. Carefully screened and selected. 5c. per qt.; 30c. per peck; bushel, $1.10; $2.50 per barrel. (Pebbles cannot be mailed.)

CHIONODOXA (Glory of the Snow)

One of the first flowers to appear in the spring. They are frequently planted in masses on a lawn like Crocus. For edging other early flowering bulb beds they are well suited. Height about 6 inches. Parcel Post Weight per 100—3 lbs.

Gigantea. Large flowers; color lilac blue, white centre. Each, 3c.; 20c. per doz.; per 100, $1.25; $10.00 per 1000.

Luciliae. Bright blue with white centre. 20c. per doz.; per 100, $1.10; $9.00 per 1000.

Sardensis. Very deep blue with white centre. 20c. per doz.; per 100, $1.10; $9.00 per 1000.

CYCLAMEN PERSICUM GIGANTEUM (Bulbs)

A Cyclamen Flower

These are amongst our most beautiful and interesting winter and spring-flowering bulbs for the window and greenhouse. Not only are the flowers of striking beauty, but the foliage is also highly ornamental, consequently they are very decorative, even when not in bloom. There are few plants better adapted for house culture, the flowers range through many shades of pink, crimson, white, etc. Our bulbs are raised by the foremost Cyclamen grower in Europe and will produce flowers of unusual beauty. We offer the following separate colors, viz.:

White, Pink, Crimson and **Salmon** separate color bulbs. Price, 15c. each; dozen, $1.50; $11.00 per 100.

Parcel Post Weight of Cyclamen Bulbs, 2 lbs. per dozen. Single bulbs mailed free.

We also have in season large plants of Cyclamen in separate colors, in bud or bloom. For particulars see page 63.

CROWN IMPERIAL

(Fritillaria Imperialis)

A majestic plant appearing in its grandeur in the early spring before the trees burst into leaf. The large bulbs produce stout stems 3 to 4 feet long with a crown-like cluster of bell-shaped flowers at the top, which are gorgeous in coloring. The bulbs have a deep opening in centre and it is advisable when planting to place the bulb on its side, so the rain and water cannot settle in the opening and cause the bulb to decay. These are ideal for planting in hardy borders or shrub beds, but should be massed at least six in a clump. We furnish Mammoth Bulbs only. Parcel Post Weight, per doz., 4 lbs.

	Each	Doz.	100
Single Red	$0.20	$2.00	$15.00
Single Yellow	.20	2.00	15.00
Crown Upon Crown. Several whorls of flowers, one above the other. (See illustration opposite)	.20	2.00	15.00
Single Mixed	.15	1.50	10.00

Crown Imperial "Crown upon Crown"

Dielytra Spectabilis "Bleeding Heart"

DIELYTRA (Bleeding Heart)

(Ready in November)

Spectabilis. The heart-shaped flowers are produced on long drooping stems, of a beautiful rose and white color combination. After blooming, the foliage makes a very attractive appearance. Dielytra forces very readily in a greenhouse or conservatory. Parcel Post Weight, 1 lb. each; doz., 10 lbs. 20c. each; doz., $2.00; $15.00 per 100.

EREMURUS (*Ready in October*)

These splendid, stately plants deserve a place in every garden. The foliage is Yucca-like, from which arise the majestic flower stalks, from 4 to 7 feet high. The miniature flowers encircle the stem fully two-thirds its entire length. Perfectly hardy.

Himalaicus. Peach pink. 75c. each; doz., $7.50.

Robustus. Deep rose. 75c. each; doz., $7.50.

GLOXINIAS (*Ready in December*)

A splendid house plant producing clusters of gorgeously colored, marked and spotted bell-shaped flowers, which outrival the finest orchids in texture and appearance. Their culture is very simple; they require a warm, fairly shady location and plenty of moisture. Parcel Post Weight, per doz., 1 lb.; 4 lbs. per 100.

NAMED GLOXINIAS

	Each	Doz.	100
Waterloo. Deep purple, bordered carmine	$0.20	$2.00	$15.00
Meteor. Carmine, edged white	.20	2.00	15.00
Graf Zeppelin. Carmine fringed	.20	2.00	15.00
Nixe. White, bordered blue	.20	2.00	15.00
Marienthalerkind. Deep crimson, bordered rose	.20	2.00	15.00

UNNAMED GLOXINIAS

Red and Scarlet	.15	1.25	8.00
White	.15	1.25	8.00
Blue	.15	1.25	8.00
Tigered and Spotted	.15	1.25	8.00
Scarlet Bordered White	.15	1.25	8.00
Blue Bordered White	.15	1.25	8.00
Choicest Mixed	.10	1.25	8.00

MICHELL'S GIANT FREESIAS

Without doubt the most sweetly scented flower growing; a single bloom permeates the living-room with its delicate perfume. Although they are quite popular and very easily raised, we would suggest the following directions:

Procure the bulbs as early as possible and plant them in successive batches from August to October, using from 6 to 25 bulbs for a single pan. The soil should be a mixture of loam, to which must be added leaf mould and sand. The bulbs planted early, say August and September, may be placed outdoors in a sheltered spot until cold weather sets in, of course they must be regularly watered and kept growing all the time. In October before frosts appear the pots should be placed in frames if possible or near the window of an unheated room. Not before November must the young plants be brought to gentle heat and if thus cared for they will flower perfectly in January. The foliage of the Freesias is very fine and slender and must be supported with light stakes placed around the outer edge of the pans. The glistening pure white flowers are borne on long stems; very valuable for cutting. P. P. Weight of Freesias, 2 lbs. per 100.

Purity (*Fischer's Strain*). Gigantic flowers of the purest white on stout wiry stems, 2 feet in length; a revelation to those who only know the regular Freesia; as a cut flower they are unrivaled and very desirable.

	Each	Doz.	100	1000
Large Bulbs	$0.04	$0.35	$2.00	$17.50
Mammoth Bulbs	.05	.40	2.50	20.00
Monster Bulbs	.10	1.00	5.00	45.00

Bermuda Freesia. Pure white flowers.

	Each	Doz.	100	1000
Large Bulbs	$0.03	$0.20	$1.00	$8.00
Mammoth Bulbs	.04	.30	1.50	10.00
Monster Size Bulbs	.05	.50	2.50	20.00

California Freesia. The white flowers have a yellow throat.

	Each	Doz.	100	1000
Large Bulbs	$0.03	$0.20	$1.00	$7.50
Mammoth Bulbs	.04	.25	1.50	11.00
Monster Bulbs	.05	.40	2.50	20.00

Leichtlini. Outside of flower is white, while the inside is yellow. Each, 3c.; doz., 25c.; $1.50 per 100; per 1000, $12.00.

MATERIAL FOR SUCCESSFUL HOUSE CULTURE OF BULBS

	Qt.	4 Qts.	Peck	Bu.	Bbl.
Charcoal (Lump)	$0.05	$0.15	$0.25	$0.75	$1.75
Bulb Fibre, Michell's Prepared	.10	.30	.50	1.50	
Cocoanut Fibre	.10	.25	.40	1.00	
Leaf Mould	.05	.15	.25	.75	1.50
Pebbles	.05	.20	.30	1.10	2.50
Potting Sand	.05	.15	.20	.70	1.75
Prepared Potting Soil	.05	.15	.20	.70	1.75

	Each	Doz.	100
6-inch Bulb Pans	$0.07	$0.68	$3.75
7 " " "	.08	.78	4.80
4 " **Pots**	.02	.18	1.38
Hyacinth Glasses	.20	2.00	15.00

Fischer's Purity Freesia

MICHELL'S BULB GROWING GUIDE

Bound into a heavy cover, we have issued the above booklet containing not only the most up-to-date cultural directions in general but giving a very concise detail to what use each variety is best put to and in addition describing very explicitly each and every bulb offered in this Catalogue. We want every bulb grower to possess this instructive guide. Mailed or handed free to every applicant.

BOOKS ON GROWING OF BULBS AND FLOWERS

A good book on the subject aids very much in the pleasure derived from growing bulbs either indoors or out. With this end in view, we have selected from a large list the following publications which we can recommend:

Amateur's Practical Garden Book.—Contains directions for the growing of the things about the house and garden. A splendid guide to the amateur in the fruit, flower and vegetable garden. Price, $1.00.

Four Seasons in the Garden. (Rexford.) Price, $1.50.

House Plants and How to Succeed With Them. (Hillhouse.) A splendid book for ladies, who grow plants. Price, $1.00.

Garden Primer. A heap of practical suggestions. Price, $1.10.

The Hardy Garden Book. By H. Rutherford Ely. Price, $1.75.

The Scented Garden Book. By F. W. Burbridge. Price, $1.10.

The Wild Garden Book. By S. W. Fitzherbert. Price, $1.10.

The Winter Garden Book. By D. S. Fish. Price, $1.10.

Garden Book (the practical). (Hunn & Bailey.) Price, $1.00.

Bulbs and Tuberous Rooted Plants. By C. L. Allen. $1.50.

Daffodils—Narcissus: How to Grow Them. By A. M. Kirby. Price, $1.20.

6 Bulbs of any one variety at dozen rates; 25 at 100 rates; 250 at 1000 rates

WINTER FLOWERING GLADIOLUS

Cardinalis, Nanus or Colvilli Types

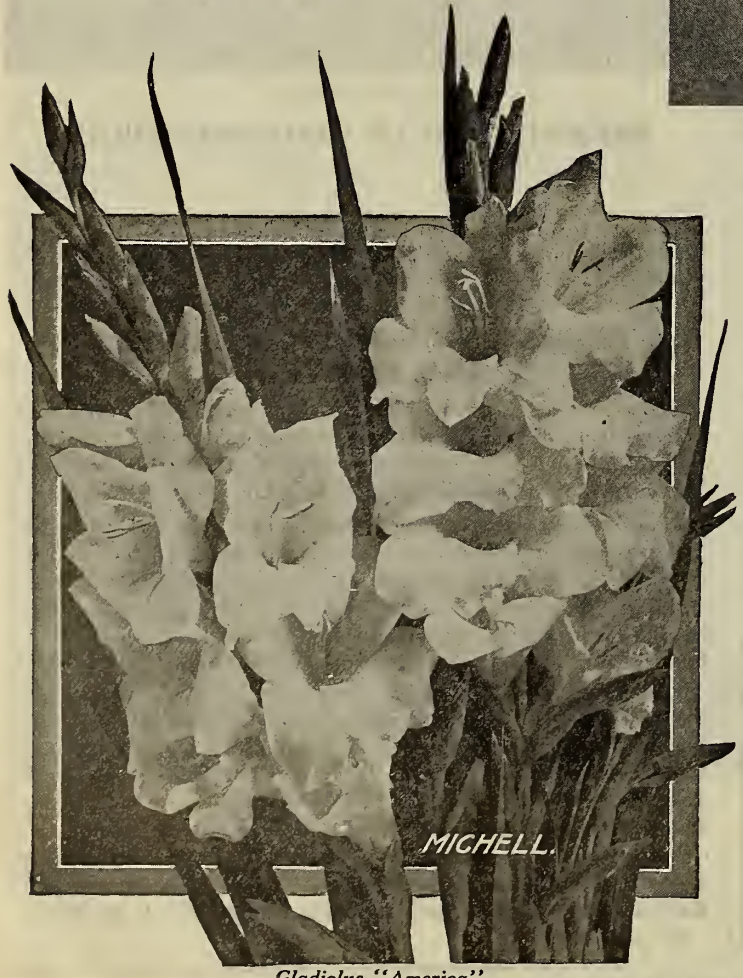
(Ready in October)

While still a novelty this class of Gladiolus has been thoroughly tried in every section of this country and seems to have a place all its own. Not only may they be grown in cool conservatories or dwelling houses during the winter for flowering from March till May, but they are a hardy bulb and may be planted outdoors in the late fall, 4 to 6 inches deep and protected with at least a covering of from 4 to 6 inches of leaves or dry manure, this protection must be removed early in the spring and in its place between the rows use a layer of fresh manure.

For indoor culture place 6 to 12 bulbs in pan filled with fairly sandy soil, place outdoors protected from frost until winter sets in, then remove to a light but cool corner of the cellar until February 1st, when they should be brought to gentle heat and light, water carefully; indoors this class flowers in May, outdoors in July, a month earlier than the regular Gladiolus; stems and foliage very slender; they can also be grown on greenhouse benches among carnations; height, 20 in. Parcel Post Weight, 3 lbs. per 100.

	Each	Doz.	100	1000
Colvilli Alba (*Bride*). Pure white.	$0.03	$0.20	$1.25	$9.00
Blushing Bride (*Delicatissima*). White, blotched blood red on the three lower petals	.03	.20	1.25	9.00
Peach Blossom. Beautiful soft salmon pink, with a deeper blotch of the same color	.03	.25	1.50	12.50
Modesty. Soft delicate lavender, blotched mauve	.04	.35	1.75	16.00
Non Plus Ultra. Brilliant scarlet, blotched pure white, a most attractive flower, larger than any of the foregoing varieties	.04	.35	1.75	16.00

New Forcing Gladiolus, Blushing Bride



Gladiolus "America"

LARGE FLOWERING GLADIOLUS

(Ready in December)

Varieties Suitable for Forcing

Besides for outdoor planting in spring and early summer; these may be successfully forced in greenhouses to bloom from March to May. A cool temperature such as required for carnations is ideal; they may be placed on benches among carnations or planted by themselves; a flower which is coming into great popularity and which should be planted by every gardener, both indoors and out. Parcel Post Weight, ¾ lbs. per doz.; per 100, 5 lbs.

	Each	Doz.	100
America. Beautiful lavender pink wide open flowers, straight stem; a real beauty of distinct merit	$0.05	$0.50	$2.75
Augusta. Pure white, slightly flaked pink, all flowers open on the stem at one time	.06	.50	2.75
Brenchleyensis. For brilliancy of color few can touch this one; the dazzling scarlet flowers appear simultaneously on a straight stalk	.03	.25	1.75
Hollandia. A European novelty of great merit. It is a distinct shade of beautiful salmon yellow. Suitable for outdoor planting, as well as under glass	.06	.60	4.00
May. White, flaked crimson; splendid forcer and very popular	.05	.50	3.00
Mrs. Francis King. Flowers of gigantic size, soft scarlet, on stems 4 feet long.	.05	.50	2.75

We can also supply all other varieties of Gladiolus.

6 Bulbs of any one variety at dozen rates; 25 at 100 rates; 250 at 1000 rates

(ha)

Spanish Iris "Blanche Superbe"

IRIS HISPANICA (Spanish Iris)

Graceful slender stems, a loose but beautiful flower, the charming colors thereof produce a combination not surpassed by an orchid. The exclamation of delight at first sight given forth by those who have not previously seen them are undisputable proof of their well-deserved merit. The finest effect with them are produced when planted in clumps of 25 or a hundred bulbs and even more either in the perennial border or by themselves; the stems are from 18 to 24 inches long; flowering period in May and early June. They may also be grown in pots indoors and stored in cold frames during winter and forced in bloom from March to May. As they are a biennial they must be planted every other year. *Parcel Post Weight, per* 100, *2 lbs.*

NAMED VARIETIES (Large Bulbs)

	Doz.	100	1000
Adeline Patti. Dark bronze	$0.15	$1.00	$7.50
Alex. Von Humboldt. Light blue	.15	1.00	7.50
Belle Chinoise. Dark yellow	.15	1.00	7.50
Blanche Superbe. Pure white	.15	1.00	7.50
British Queen. White, extra fine	.15	1.00	7.50
Chrysolora. Deep yellow	.15	1.00	7.50
Emperor of the West. Bronze	.15	1.00	7.50
Cajanus. Clear yellow, extra large	.15	1.00	7.50
King of the Blues. Deep blue, sweet scented	.15	1.00	7.50
Midley. Pale blue, early forcer	.15	1.00	7.50
Sapho. Very fine bronze	.15.	1.00	7.50
Snowball. Pure white, extra	.15	1.00	7.50
Thunderbolt. Rich bronze	.25	1.50	12.00
Mixed Colors	.12	.75	5.25

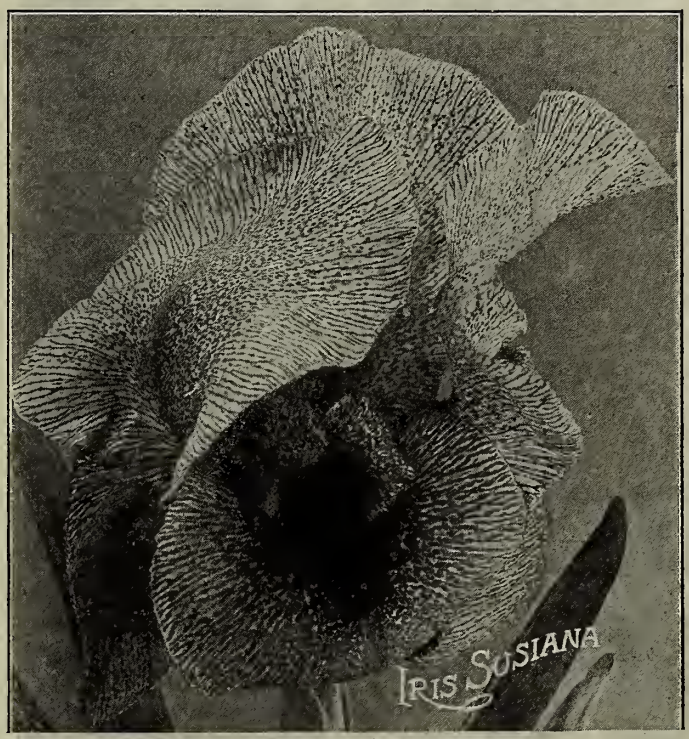
Our bulbs of Spanish Iris and are all sure to bloom, being extra large.

IRIS ANGLICA (English Iris)

This type is very similar in character to the Spanish varieties, somewhat dwarfer, more robust, with heavier foliage and larger flowers, flowering two weeks later. These are not suited to forcing, blooming in June. *Parcel Post Weight, 3 lbs. per* 100.

NAMED VARIETIES (Large Bulbs)

	Each	Doz.	100	1000
Blanche Fleur. Pure white	$0.05	$0.40	$2.25	$18.00
L'Unique. Bright claret	.05	.40	2.25	18.00
Argus. Pink and white	.05	.40	2.25	18.00
Bavaria. Light blue	.05	.40	2.25	18.00
Mixed, all colors	.03	.25	1.40	11.00



IRIS SUSIANA (Mourning Iris)

A variety originating in Asia Minor, representing a class entirely in itself, both in habit, form and color. The massive, truly gigantic flowers when fully developed often measure 4½ inches in height and 5 inches across, a most distinct coloring, viz: grayish white, finely penciled, mottled and striped deep brown; the inner falls are a solid maroon shade, coated velvety and covered with long attractive hairs. They may be grown in pots or in the border. If planted outdoors, select a well-protected location; add sand to a heavy soil and dry manure. Cover with long manure during winter.

Strong Bulbs, 20c. each; $2.00 doz.; 100, $15.00.

IXIA

A charming little stove and conservatory bulb. It may also be planted outdoors if put in a protected position with plenty of covering during winter, in well-drained soil.

Crateroides. A brilliant scarlet variety; forces very readily. 3c. each; per doz., 25c.; $1.75 per 100; per 1000, $15.00.

Mixed. 12c. per doz.; per 100, 75c.; $5.50 per 1000.

TESTIMONIAL ON MICHELL'S BULBS

Windber, Pa.

Your bulbs were excellent. They forced well and almost every one made a first-class flower. I was well pleased with everything I received from you. JOHN YOUNG.

6 Bulbs of any one variety at dozen rates; 25 at 100 rates; 250 at 1000 rates.

LEUCOJUM VERNUM (Spring Snowflake)

Parcel Post Weight, 1 lb. per 100.

A beautiful early flowering bulb, rivaling for earliness with the snowdrop. Planted in clumps of from 25 to 100 bulbs among shrubbery in herbaceous beds, they show off to best advantage; color, pure white tipped green on the flower petal. These may also be forced gently for indoor blooming, flowering then about March; outdoors they bloom just as winter breaks up and the last snow is melting; we can recommend it highly; height about 7 inches. 3c. each; per doz., 25c.; $1.50 per 100; per 1000, $12.00.

LILY OF THE VALLEY (*Ready in December*)

A beautiful pure white flower; principally used for winter forcing. Very fragrant and produced in abundance. For indoor culture plant about 25 pips or roots in a 7-inch pot or pan, place outside, where they should be left until they have been subjected to several nights' freezing, which brings them into flower more readily. When grown outdoors always plant in a shaded place, preferably moist. They bloom in four weeks inside and, if planted at intervals, a succession of flowers can be had all winter. While the pips are adapted for outdoor culture, we especially recommend the clumps, for this purpose, as they give a quicker and better effect at less cost. These should be set about 12 inches apart each way, while the pips about 4 inches apart each way; outdoors they bloom in May. Parcel Post Wt., 6 lbs. per 100.

Michell's Fancy Giant Flowering. This is the finest strain of Valley procurable. 40c. per doz.; per 100, $2.50; $20.00 per 1000.

Michell's Berlin Pips. For forcing. 25c. per doz. (by mail, 30c.); 50c. for 25; $1.75 per 100; per 1000, $16.00.

Clumps. (*Ready in November.*) For outdoor planting only. 25c. per clump; per doz., $2.50; $18.00 per 100.

COLD STORAGE LILY OF THE VALLEY

For forcing at any time of the year.

Michell's Fancy Giant Flowering. $3.00 per 100; per 250, $7.50.

MONTBRETIA

(*Ready in November*)

A beautiful flowering bulb resembling a miniature Gladioli, absolutely hardy, and only effective if planted in masses from 50 to 100 bulbs in a clump. The bulbs can be planted as long as the ground is open, about 3 inches deep; they can also be planted in the early spring; height, 24 inches.

Crocosmiaeflora Type. Scarlet and yellow.
" **Aurantiaca.** Deep golden yellow.
" **Etoile de Feu.** Vermilion with yellow centre.
" **Pottsii.** Large, orange scarlet.
" **Speciosa.** Golden yellow.
" **Rayon d'Or.** Light yellow, spotted brown.

Any of the above: 3c. each; doz., 30c.; 100, $2.25; 1000, $17.50.

MUSCARI BOTRYOIDES (Grape Hyacinth)

As boys and girls we probably knew these better as "Blue Bells"; this charming bulb is worthy of the best place in the flower garden. Plant them in clusters of 25 or more bulbs; for edging in double rows they are very effective around late tulip or daffodil beds, but they belong rightly in the hardy garden where they may remain undisturbed, increasing yearly in quantity and beauty. For forcing, 12 or more to a 6-inch pot or pan, they are fine, being handled like forcing tulips or hyacinths; outdoors they bloom in May; height, 6 inches.

	Doz.	100	1000
Album. White	$0.20	$1.00	$8.50
Coeruleum. Blue	.15	.75	5.50

Monstrosum (*Feathered or Plumed Hyacinths*). This type is a violet blue, very interesting, resembling a wavy plume; grows about 12 inches high and thrives anywhere. Per doz., 25c.; $1.25 per 100; per 1000, $10.00.

6 Bulbs of any one variety at dozen rates; 25 at 100 rates; 250 at 1000 rates.

ORNITHOGALUM (Star of Bethlehem)

An attractive flowering bulb for either indoor or outdoor culture. Pure white petal, petal streaked light green with a black flower centre. These are highly fragrant and are especially desirable for planting in woodlands for naturalizing; when used for this purpose, 6 to 12 bulbs should be planted in a clump. For indoor culture treat them like hyacinths. Flowering time outdoors, April and May; sweet scented blooms appearing in umbels of 8 or 10 flowers to a stalk; height, 1 foot.

	Each	Doz.	100	1000
Arabicum (P. P. Wt., 2 lbs. per doz.)	$0.05	$0.30	$2.00	$18.00

Bermuda Buttercup Oxalis

OXALIS (Winter Flowering)

For conservatory, greenhouse and window garden culture the Oxalis is ideal. It succeeds anywhere and with anyone, flowering often in 6 to 8 weeks after planting. The Grand Duchess and Buttercup class are best for pot culture, the others for hanging basket purposes, although all may be grown successfully either way. Plant at least 6 bulbs of any variety in a suitable size receptacle, place them in a cool, dark place for about two to three weeks till thoroughly rooted, watering as required. The flowering period extends during the entire winter. For indoor planting only. To keep Oxalis free from insects, an occasional application of tobacco dust has proven to be best.

	Each	Doz.	100	1000
Bermuda Buttercup. Pure yellow, free flowering variety. Large bulbs	$0.03	$0.25	$1.50	$12.00
Monster bulbs	.05	.50	3.00	25.00
Bowei. Large flowering, rich, pink, very beautiful. First size bulbs	.03	.25	1.50	12.00
Bowei. Giant bulbs	.05	.50	3.00	
Grand Duchess. A distinct bushy upright growing variety, suited best for pot culture; the flowers are gigantic:				
Yellow	.03	.25	1.50	10.00
Lavender	.03	.25	1.50	10.00
White	.03	.25	1.50	10.00
Pink	.03	.25	1.50	10.00
Double Yellow (*Lutea, Fl. Pleno*)	.04	.35	2.00	15.00
Pink (*Hirta Rosea*)	.03	.25	1.50	10.00
Versicolor. Red, Violet and White	.03	.25	1.50	10.00
White (*Multiflora Alba*)	.03	.25	1.50	10.00
Yellow (*Lutea Simplex*). Single	.03	.25	1.50	10.00
Mixed. All colors	.02	.15	1.00	8.00

MICHELL'S BULB GROWING GUIDE

A complete treatise on growing all bulbs offered in this Catalogue indoor or outdoors. Free for the Asking.

PUSCHKINIA LIBANOTICA (Striped Squill or Scilloides)

This belongs to the family of Scillas and is among the most beautiful of all. The flowers, which are borne on spikes, are a beautiful combination of white and pale blue, having a stripe of the latter down each flower petal. It rivals in early spring beauty with the Snowdrop and Scilla Sibirica, especially desirable for edging beds and borders or for planting in clumps of 25 to 100 bulbs; it can be flowered very easily indoors; plant 12 to 25 bulbs in a suitable pot or pan and leave covered outdoors until thoroughly rooted; height, 6 to 8 inches; flowering outdoors in April and May. 3c. each; doz., 20c.; $1.25 per 100; per 1000, $10.00.

ORDER BULBS EARLY

Our bulbs have such a splendid reputation we are frequently sold out of some varieties early. We, therefore, recommend the placing of orders as soon as our Catalogue is received.

RANUNCULUS (Buttercups)

(See illustration)

An attractive flower resembling a giant double buttercup or small double poppy. They should be grown in pots indoors for winter blooming or in frames outdoors for early spring flowering. The bulbs retain their substance for a long while and may also be planted outdoors latter part of March or early April in a shaded place (moist preferred), then blooming in June. They cover every shade of crimson, white, purple and yellow; height, 12 inches.

	Each	Doz.	100	1000
Double Giant Persian. Mixed	$0.02	$0.15	$1.00	$7.00
Double Giant French. Mixed	.02	.15	1.00	7.00
Double Giant Turban. Mixed	.02	.15	1.00	7.00

PANCRATIUM LILY (Ismene)

As a summer and winter flowering bulb this has few equals; planted outdoors in May it will bloom all season. In September it may be lifted, allowed to die off and started in pots about December, 1 bulb to a pot. It usually commences flowering three weeks after planting; height, 12 inches; flowers a beautiful waxy white and deliciously fragrant. Large bulbs, 15c. each; per doz., $1.50; $10.00 per 100.

SPARAXIS

A small bulb bearing a very large flower, often 2 inches across, on long, graceful stems; they resemble somewhat the Ixia in shape. For indoor blooming only. Plant 6 to 12 bulbs in a pot for the best effect.

Mixed Colors. 2c. each; per doz., 15c.; 75c. per 100; $6.00 per 1000.

A Vase of Ranunculus Flowers

Scilla Sibirica

SCILLAS (Squills, Wood Hyacinths, Blue Bells, etc.)

For massing round tulip, hyacinth or even daffodil beds nothing can equal the Scilla; among shrubbery in herbaceous beds in clusters of 50 or more bulbs its blaze of color is wonderfully effective. Once planted it remains for years. They all do well if planted indoors in pots or pans, not less than a dozen to a crock, a continuous flowering period may thus be had from Christmas until April.

SCILLA CAMPANULATA (Wood Hyacinth)

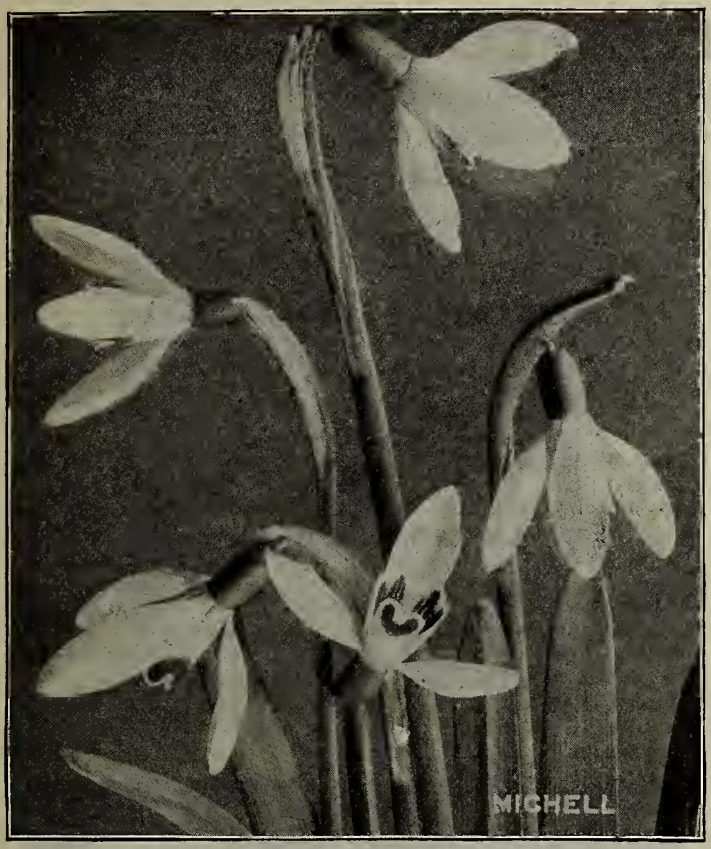
Tall flowering type, with broad fleshy foliage.

	Doz.	100	1000
Blue	$0.20	$1.00	$7.50
White	.20	1.25	10.00
Pink	.20	1.25	10.00

SCILLA SIBIRICA (Squills)

	Doz.	100	1000
Coerulea. Blue; large bulbs	$0.20	$1.00	$8.00
" " mammoth bulbs	.25	1.50	12.50

Parcel Post Weight of Scilla Sibirica, 1 lb. per 100. Weight of Scilla Campanulata, 3 lbs. per 100.



Elwee's Giant Snowdrops

SNOWDROPS (Galanthus)

No spring flowering bulb plays a more important part in the garden than does this somewhat insignificant variety. 'Neath ice and snow often early in March; yes frequently in February you can see it sticking forth its flower spike as though exclaiming I can't wait for spring to come. What can gladden the heart more than this? A combination of Crocus, Scillas and Snowdrops make a glorious effect when planted promiscuously in a border; one follows the other in flowering and a change of color with each one suggest a floral treat hard to equal at the time of year they flower—*February* till *April*. They are perfectly hardy; should be planted in masses of 50 or more bulbs . They also flower well in pots indoors.

	Each	Doz.	100	1000
Single Elwesii Giant. Pure white....	$0.02	$0.15	$1.00	$7.50
Double. Pure white.....	.03	.25	1.50	12.00

ZEPHYRANTHES (Fairy Lily)

A splendid pot plant for winter, of easiest culture. Planted outdoors in May, they flower the entire season.

	Each	Doz.
Treatea Rosea. Pink flowers...(Per 100, $4.50)	$0.06	$0.60
Treatea Alba. White flowers...(Per 100, $4.50)	.06	.60

SPRING SNOWFLAKE (Leucojum Vernum)

Beautiful early flowering bulb, rivaling for earliness the Snowdrop. Plant in clumps of 25 to 100 bulbs, for a good effect. Color, pure white tipped green; may also be used for flowering indoors; height, about 7 inches. Each, 3c.; 25c. doz.; per 100, $1.50; $12.00 per 1000.

SPIREA (Astilbe) *Ready in November*

This is a favorite Easter flowering plant rivaling with the lily. If wanted for indoor blooming, pot the roots on arrival, water well and place outdoors for about 6 to 8 weeks. They may be brought in and placed in a moderately warm room, the cooler, without freezing, however, the better. They can be made to flower almost any time by bringing them to a warmer place. For outdoor they are fine in hardy borders; flowering in June. Parcel Post Weight, 2 lbs. each.

America (New). A very beautiful lilac-rose colored variety, having the same habit, large feathery panicles and forcing qualities of Gladstone. Well grown pots of this variety in bloom are certainly most attractive. Large clumps. Each, 60c.; $6.00 doz.; per 100, $40.00.

Astilboides Floribunda. A very plumy, fluffy variety producing splendid pure white flower spikes. Well grown plants bear 25 to 40 of these plume white trusses, practically enveloping the plants; a great favorite with all. 15c. each; doz., $1.25; $9.00 per 100.

Gladstone. This popular, large-flowering Spiraea is a wonderful improvement over all other white-flowering varieties, and is, no doubt, the most beautiful Easter and spring-flowering pot plant grown. The immense trusses of flowers are snow white; borne on strong, erect stalks, and appear in such abundance that the plant is practically enveloped with a white feathery foam.
Extra Large Clumps. 25c. each; doz., $1.75; $10.00 per 100.
Monster Clumps. 50c. each; doz., $5.00; $30.00 per 100.

Queen Alexandra. A beautiful shade of pink. Being an offspring of the Gladstone it requires the same culture. The plant should be shaded as it comes into bloom in order to bring the flower to full perfection.
Extra Large Clumps. 25c. each; doz., $2.00; $12.50 per 100.

Philadelphia. A grand pink variety, producing magnificent plumy flower spikes of a beautiful rose shade. This variety is a great improvement over Queen Alexandra and will, in all probability, supersede the latter sort.
Extra Large Clumps. 35c. each; doz., $3.00; $20.00 per 100.

Rubens (New). Rich, brilliant pink, being more distinct in color than either Queen Alexandra or Philadelphia. In growth and habit it resembles Gladstone, but is much deeper than other pink Spiraeas. It is, in fact, the finest real pink in existence.
Extra Large Clumps. 50c. each; doz., $5.00; $35.00 per 100.

New Pink Spirea, Queen Alexandra (*See above*)

6 Bulbs of any one variety at dozen rates; 25 at 100 rates; 250 at 1000 rates

MICHELL'S DISTINCTIVE FLOWER SEEDS

FOR AUTUMN AND EARLY WINTER SOWING

For Complete List of Flower Seeds see our General Catalogue for 1915

ACHILLEA (Milfoil or Yarrow)

	Large pkt.	Pkt.
Ptarmica, Fl. Pl., "The Pearl." Tall erect plant bearing its pure white double flowers in great profusion all summer; hardy perennial; 2 feet.	$0.30	$0.10

ACONITUM (Monk's Hood or Helmet Flower)

Hardy perennial, thriving best in semi-shady situations; curious hood-shaped flowers in clusters; height, 4 feet; August-September.

	Large Pkt.	Pkt.
Napellus, Blue	$0.25	$0.05
". White	.40	.05

ADONIS

Vernalis (*Ox Eye*). One of the choicest spring flowering perennial plants; finely cut, ornamental foliage, yellow flowers; 1 foot	.20	.05

ALYSSUM

One of the most popular garden flowers, for beds, edgings, rock-work or vases; also useful for winter flowering.

	Large Pkt.	Pkt.
Little Gem. Dwarf compact plants, densely covered with large pure white flowers; height, 4 inches ..... oz., 75c.	$0.15	$0.05
Little Dorritt. Extremely dwarf and compact, forming perfect little bushes with miniature white flowers; ideal for narrow edges. oz., $1.00	.20	.05
Lilac Queen. Dwarf and compact; flowers lilac	.50	.15
Lutescens. Dwarf; yellow flowers		.20
Sweet. The popular old-fashioned sort, the best for broad edges and vases. Pure white; height, 6 inches ..... oz., 25c.	.15	.05
Saxatile Compactum (*Basket of Gold*). Showy golden yellow flowers; hardy perennial; 1 foot. oz., 50c.	.15	.05

ANTIRRHINUM (Snapdragon)

A splendid plant for beds or borders and one of our choicest cut flowers; extensively forced under glass during the winter.

MICHELL'S GIANT ANTIRRHINUMS

This strain produces stout heavy spikes, 2 to 3 feet in length, dressed with giant flowers of the purest colors.

	Large Pkt.	Pkt.
Michell's Giant Salmon Pink. A valuable addition to this popular flower; long spikes of a delicate salmon pink color	$0.40	$0.15
Silver Pink. A fine variety; long spikes and a profuse bloomer. Original pkt., $1.00.		
Giant Pink	.25	.10
" Scarlet	.25	.10
" Striped	.25	.10
" White	.25	.10
" Yellow	.25	.10
" Mixed. All colors ..... oz., 75c.	.20	.10
" Double White	.40	.15
" Venus. Shell pink on white ground	.40	.15
Tall Mixed. A fine selection ..... oz., 40c.	.15	.05
Imported Collection, 10 Tall Varieties		.40

SEMI-DWARF ANTIRRHINUMS

The plants grow but 18 inches high, but have extreme large flowers over most part of the stem.

	Large Pkt.	Pkt.
Daphne. Carmine pink, white throat	$0.25	$0.10
Defiance. Fiery scarlet	.25	.10
Golden Queen. Golden yellow, giant flowers	.20	.10
Queen of the North. Of purest white	.20	.10
Mixed. All colors ..... oz., 75c.	.20	.10
Imported Collection, 10 Semi-Dwarf Varieties		.40

DWARF ANTIRRHINUMS

The Dwarf or Tom Thumb varieties are excellent for bedding; also for edges. Height, 12 inches.

	Large Pkt.	Pkt.
Tom Thumb Mixed. All colors	$0.20	$0.05

AGROSTEMMA

	Large Pkt.	Pkt.
Coronaria (*Mullein Pink*). Stout erect growing plants with silvery foliage and bright crimson flowers; hardy perennial; 2½ to 3 feet; July and August	$0.15	$0.05

AMPELOPSIS (Boston or Japanese Ivy)

Veitchi. A hardy perennial climber from Japan, with olive-green leaves, which turn to scarlet in the autumn; one of the best hardy vines for covering brick or stone buildings ..... oz., 40c.	.15	.10

ANCHUSA (Sea Bugloss)

Italica "Dropmore." A strong growing hardy perennial plant, 4 feet high, with rough hairy foliage and long heads of bright blue flowers	.40	.15

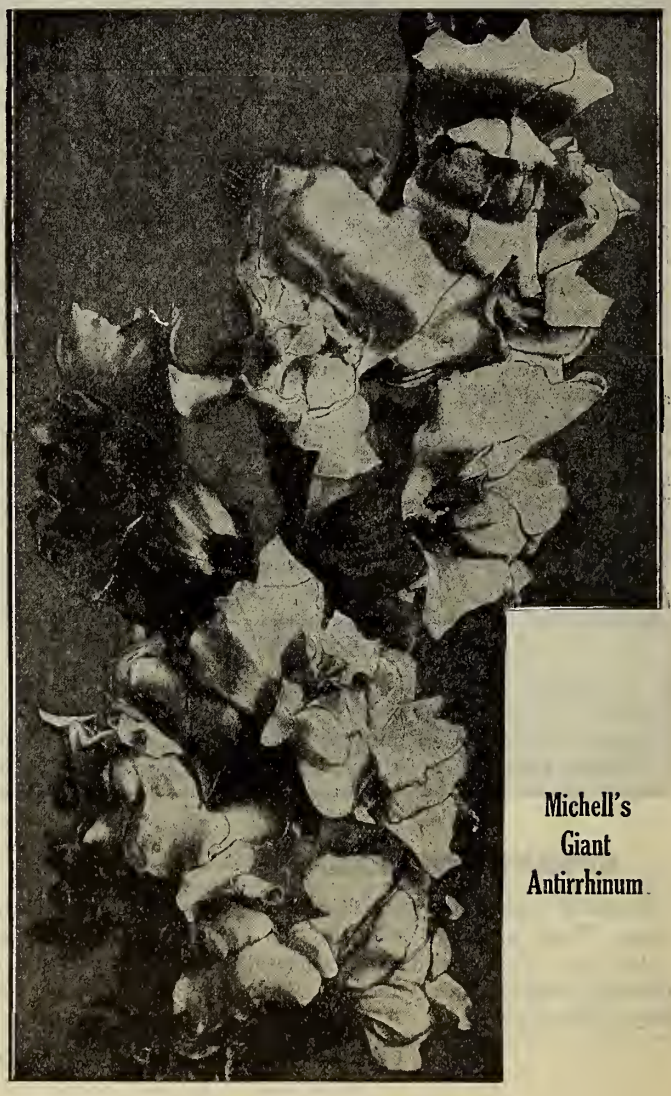
ANEMONE (Wind Flower)

A dainty spring flower with bright cup-shaped blossoms; splendid for cutting; perennial.

	Large Pkt.	Pkt.
Coronaria Mixed. 2 feet; all colors	$0.20	$0.05
St. Brigid, or Poppy. Flowers of large size with distinct rainbow rings in centre	.40	.15

ANTHEMIS (Hardy Marguerite)

Tinctoria Kelwayi. A handsome hardy perennial, bearing all summer, daisy-like bright yellow flowers; 2 feet	.15	.10



Michell's Giant Antirrhinum

Aquilegia—Long Spurred

AQUILEGIAS OR COLUMBINES

An elegant, graceful, beautiful spring flowering plant, producing exquisitely spurred flowers on stems rising 2 feet above the fern-like foliage; splendid for cutting.

	Large pkt.	Pkt.
Long Spurred Hybrids. A great assortment of all varieties possessing long spurs	$0.40	$0.10
Canadensis. Scarlet and yellow	.25	.05
Chrysantha. Bright golden yellow	.25	.10
Chrysantha Alba. Purest white	.30	.10
Californica Hybrida. All colors, long spurs	.25	.10
Coerula (*Rocky Mountain Columbine*). Large flowers, violet-blue and white	.40	.10
Flabellata Nana Alba. A dwarf variety, with fine glaucous foliage and large white flowers	.30	.10
Glandulosa Vera. Lavender and white	.40	.15
Haylodgensis Delicatissima. Satiny rose	.50	.15
Nivea Grandiflora. Pure white	.15	.05
Rose Queen. Pink, white centre	.50	.20
Single Mixed	oz., 35c. .15	.05
Double Mixed	oz., 40c. .15	.05

ARABIS (Rock Cress)

Alpina. Early spring flowering plant especially adapted for edging and rockery; covered with pure white blossoms; perennial; May; 6 inches.	.15	.05

ASPARAGUS

	100 Seeds	Pkt.
Hatcheri. Of dense and symmetrical growth; dainty fern-like fronds set close together along the stalk; valuable for decorative use, also for specimen pot plants	$1.50	$0.25
Plumosus Nanus. An excellent plant for house or conservatory decoration or cutting on account of its graceful, finely cut foliage; will remain fresh a long time after being cut	1.00	.25
Lutzi (*New*). Shoots are thornless, straight and erect; foliage light green; produces pure white flowers	2.00	.50
Sprengeri. One of the best plants to grow in hanging baskets for greenhouse or for outdoors in the summer	.50	.10

ASPERULA (Woodruff)

	Large pkt.	Pkt.
Odorata. Dwarf spring flowers of purest white; thrives well in shady situations; perennial; 1 foot; May	$0.20	$0.05

Hardy Perennial Aster

ASTER PERENNIAL (Michaelmas Daisy)

	Large pkt.	Pkt.
Choice Mixed. The showiest of our late flowering plants and very effective if planted in groups of colors. Star-like single flowers; 2 feet	$0.30	$0.10

AURICULA (Primula Auricula)

Choice Mixed. These early flowering perennial plants resemble primroses and have multi-colored flowers in great variety; 1 foot; May	.50	.10

BAPTISIA (False Indigo)

Australis. A strong growing perennial plant about 2 feet high, with dark green, deeply cut foliage and spikes of dark blue flowers in June and July	.20	.05

BEGONIA (Semperflorens Type)

The following varieties are extensively used for bedding; they are also excellent for pot plants for winter flowering.

	Large pkt.	Pkt.
Vernon. Rich orange-carmine flowers and bronzy red foliage	$0.30	$0.10
Anna Regina. Rose-colored flowers	.65	.15
Erfordia. Delicate pink; one of the choicest	.40	.15
Queen of Carpet Bedders. Of compact dwarf growth and in appearance the same as "Vernon"	.40	.15
Zulu King. Blood red flowers and dark red leaves and stem	.65	.15
Choice Mixed. All colors	.40	.10

BEGONIA GRACILIS

Gracilis Rosea. Light pink	.40	.15
" **Luminosa.** Fiery dark scarlet	.50	.20
" **Alba.** Pure white	.40	.15
" **Prima Donna.** Rose, shading to carmine.	.65	.20

BEGONIA (Tuberous Rooted)

International Prize. An unrivaled strain; seed saved only from the best selected blooms		.25
Single. Extra choice mixed	.65	.15
Double. Choicest strain, mixed		.25

BEGONIA (Ornamental-Leaved)

Rex Hybrids. Beautiful varieties with variegated foliage; choice mixed	.65	.25

BOLTONIA (False Chamomile)

	Large pkt.	Pkt.
Latisquama. A tall, late flowering plant with aster-like flowers of pinkish lavender; perennial; 6 feet; September	$0.30	$0.10

BROWALLIA

Elegant free flowering plants for the garden in summer or for pot culture in winter; 18 inches.

	Large pkt.	Pkt.
Elata Coerulea. Sky-blue flowers	$0.20	$0.05
Speciosa Major. A large flowering variety of brilliant ultramarine blue; desirable as a pot plant for winter and spring flowering	.30	.10

Campanula or Bell Flower

CAMPANULAS OR BLUE BELLS

PERENNIAL VARIETIES

These are among our best known hardy perennials; the tall varieties are fine for cutting while the dwarf sorts make excellent border plants; all have dainty bell-shaped flowers.

	Large pkt.	Pkt.
Carpatica, Blue (*Carpathian Hare Bell*). Compact tufts not exceeding 8 inches; flowers clear blue, held erect; blooms in June and July	$0.15	$0.05
Carpatica, White	.15	.05
Persicifolia Grandiflora, Blue (*Peach Bells*). Stately spikes, 4 feet tall with immense blue bell-shaped flowers	.30	.15
Persicifolia Grandiflora, White	.30	.15
Pyramidalis (*Chimney Bell Flower*). Perfect pyramids 6 feet high crowded with large bell-shaped flowers, blue and white mixed	.20	.05

CAMPANULA MEDIA (Canterbury Bell)

Showy, hardy biennials about 3 feet high of pyramidal form, and covered with large bell-shaped flowers.

	Large pkt.	Pkt.
Single Blue	.15	.05
" **Pink**	.15	.05
" **White**	.15	.05
" **Mixed**	.15	.05
Double Mixed	.20	.05

CAMPANULA CALYCANTHEMA (Cup and Saucer)

These produce beautiful, large single flowers, resembling a cup and saucer; they require the same treatment as above.

	Large pkt.	Pkt.
White	$0.30	$0.10
Pink	.30	.10
Blue	.30	.10
Mixed	.25	.10

CALCEOLARIA

An ornamental plant, and a universal favorite for decorating the greenhouse or conservatory; produces a mass of beautiful pocket-like flowers. Our strains of Calceolaria have a wide reputation as to large size and rich and varied colors of the flowers.

	Large pkt.	Pkt.
Hybrida Grandiflora, Tall Mixed. Large flowering, rich, self-colored flowers saved from a choice collection; 18 inches	$0.75	$0.25
Hybrida Grandiflora, Pumila Compacta. Of dwarf, compact robust growth, producing immense trusses of large and varied brilliant self-colored and spotted flowers; 1 foot	.75	.25
James' Superb Strain. A robust grower, producing very large and beautiful flowers; 18 inches.	1.25	.50
Sutton's Perfection. Choicest mixed		1.00
Rugosa Mixed (*Shrubby*). Small flowering varieties for bedding; of the finest colors; 1 foot	1.25	.50

CALLIOPSIS (Coreopsis)

One of the finest hardy perennial plants.

Lanceolata Grandiflora. Single golden yellow flowers of graceful form; invaluable for cutting; flowers uninterruptedly the entire summer.	oz., 50c.	.15	.10
California Sunbeams. Very large flowers beautifully formed; various shades of yellow and brown	oz., 75c.	.25	.10

Michell's Giant White Candytuft

CANDYTUFT (Iberis)

Splendid edging plants, flowering within six weeks after sowing; height, 1 foot. They are excellent for cutting.

		Large pkt.	Pkt.
Michell's Giant White. The largest and finest white. From 10 to 12 immense spikes resembling Hyacinths appear on a single plant; fine for forcing	oz., 60c.	$0.20	$0.10
Empress. An excellent variety with long trusses of pure white flowers	oz., 40c.	.15	.10
Pink	oz., 40c.	.15	.05
Crimson	oz., 25c.	.15	.05
Carmine. Very bright	oz., 40c.	.15	.05
Purple. Deep rich purple	oz., 25c.	.15	.05
White Rocket. Long spikes	oz., 20c.		.05
Little Prince. Very dwarf and compact with pure white flowers; excellent for edging	oz., 50c.	.15	.10
Choice Mixed. All colors	oz., 20c.		.05
Imported Collection, 6 Colors			.25
Sempervirens. Dwarf spring flowering perennial plants; ideal for the bulb border, flowers of glistening white; May; 8 inches		.30	.10

CARNATION

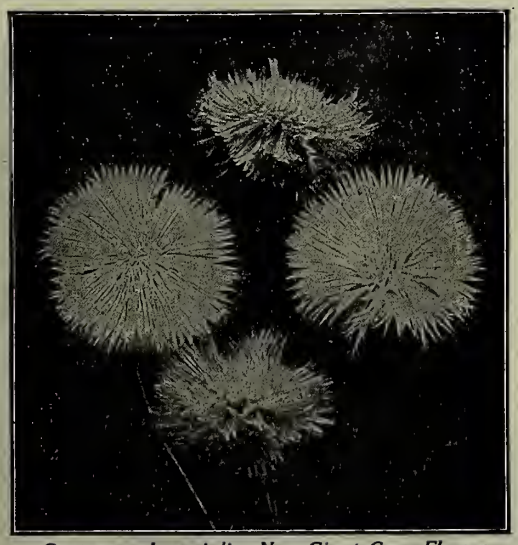
These are general favorites for their richness of color and delightful fragrance; they are desirable for greenhouse culture in winter as well as for the garden in summer.

	Large pkt.	Pkt.
Early Vienna. Large double flowers in choicest mixture; 1 foot	$0.30	$0.10
Finest German. Double mixed; selected strain	.65	.25
Choice Mixed Double. All sorts	.50	.10

MARGUERITE CARNATIONS

These are the most satisfactory of the annual pinks; and will bloom in four months after sowing the seed. The flowers are large, always perfect, fragrant and are produced continuously. If slightly protected the first winter, they will revive the following spring and bloom during that whole season.

	Large pkt.	Pkt.
Excelsior Mixed. Immense flowers in all the beautiful shades	$0.40	$0.15
Pink	.40	.10
White	.40	.10
Scarlet	.40	.10
Yellow	.40	.10
Choice Mixed	oz., $1.00	.25 .10



Centaurea Imperialis, New Giant Corn Flower

CENTAUREA

CENTAUREA CYANUS (Cornflower or Bachelor's Button)

Every one knows this popular old-fashioned flower, so that a description is superfluous.

		Large pkt.	Pkt.
Emperor William. Deep blue	oz., 25c.	$0.15	$0.05
Double Blue. Very large and double; quite new.		.20	.10

CENTAUREA IMPERIALIS (Giant Cornflower)

Gigantic, beautiful, sweet-scented flowers are borne on long stems. They are well adapted for cutting and remain fresh a long time after being cut. Height of plant, 2 to 3 ft.

	Oz.	Large pkt.	Pkt.
Deep Rose	$0.75	$0.20	$0.10
Lavender	.75	.20	.10
Lilac	.75	.20	.10
Brilliant Pink	.75	.20	.10
Purple	.75	.20	.10
White	.75	.20	.10
Choice Mixed	.60	.15	.10
Our Collection (one packet each of above 6 varieties)			.50

NEW GIANT FLOWERED CENTAUREAS

Magnificent flowers of brilliant colors; excellent for cutting.

	Large pkt.	Pkt.
Honeymoon. Golden yellow	$0.40	$0.15
The Bride. Pure white	.40	.15
The Bridegroom. Purplish mauve	.40	.15

CENTAUREA (Perennial)

Large feathery flowers; splendid for cutting; blooms the entire summer.

	Large pkt.	Pkt.
Pulcherrimus. Delicate pink; 2½ feet	$0.50	$0.15
Montana. Blue; 18 inches	.30	.10
Montana Alba. White	.30	.10

CERASTIUM (Snow in Summer)

	Large pkt.	Pkt.
Tomentosum. Dwarf, white-leaved edging plant; flowers white; 4 inches	$0.40	$0.15

Shasta Daisy, Alaska

CHRYSANTHEMUM (Perennial)

	Large pkt.	Pkt.
Comtesse de Chambord (*Golden Paris Daisy*). Single, beautiful clear yellow flowers	$0.20	$0.10
Frutescens Grandiflorum (*Paris Daisy or Marguerite*). Single flowers, white with yellow eye.	.20	.10
Shasta Daisy, "Alaska." The finest of all; single white flowers on long stems; 2 feet	.65	.20
King Edward VII. Flowers extra large; pure white and of perfect form	.25	.10
Princess Henry. Immense white flowers, 4 inches across; 18 inches	.25	.10
Japanese Hybrids. Large flowers of the finest types; an extra choice mixture; 18 inches	.65	.15

CINERARIA

One of the most ornamental and useful plants for conservatory or house decoration; seed may be sown from May to September for a succession. *Our Grandiflora Prize Strain* is the best procurable, producing immense trusses of the largest flowers, often measuring up to 4 inches across.

	Large pkt.	Pkt.
Grandiflora Prize Dwarf. Mixed colors; plants of dwarf habit	$0.75	$0.35
Grandiflora Prize Medium Tall. Mixed colors; desirable as a decorative plant	.75	.35
James' Giant Strain. A superb variety; mixed	1.25	.50
Sutton's Superb. Mixed colors. Original pkt		.75
Matador. Large bright red flowers		.35
Hybrida. Choice mixed colors	.65	.25
Radiata Hybrida. New varieties of the Star Cineraria in a wide range of colors and shades	.75	.20
Stellata (*Sutton's*). Medium sized star-like flowers. Original pkt		.75
Stellata Hybrida. Of graceful and vigorous habit, producing a profusion of elegant flowers	.75	.25

Tacoma, Wash.

Gentlemen:—Please send us a packet of Michell's Distinctive Cineraria Seed. I found your stock to be the best I ever had for richness of colors.

Yours truly,

N. W. F. Co.

Michell's Fancy Giant Cyclamen

CYCLAMEN

Most beautiful winter and spring flowering plants for the window and greenhouse. Not only are the flowers of striking beauty, but the foliage is also highly ornamental.

MICHELL'S "DISTINCTIVE" GIANT

Grown for us in England by a Specialist who has received numerous First Prizes for the large size and beautiful coloring of the flowers.

	100 Seeds	Pkt.
Duke of Connaught. Crimson	$1.50	$0.50
Excelsior. White with red eye	1.50	.50
Grandiflora Alba. White	1.50	.50
Princess of Wales. Pink	1.50	.50
Salmon Queen. Salmon pink	1.50	.50
Mixed. All colors	1.25	.40

REGULAR GIGANTEUM STRAIN

Grown for us by a Specialist in Germany.

Giganteum Album. White	1.00	.35
" **Roseum.** Pink	1.00	.35
" **Rubrum.** Red	1.00	.35
" **White** with carmine eye	1.00	.35
" **Mixed.** Choicest strain	1.00	.25
" **Glory of Wandsbek.** Extra large; salmony red color	1.75	.35

VARIOUS CYCLAMEN

	Large pkt.	Pkt.
Mrs. Buckston. Frilled and waved flowers; color, delicate salmon. Original pkt		.75
Rokoko Erecta. Flowers large, upright, beautifully fringed and borne on straight, upright stems; mixed colors	1.50	.50
Papilio (*Butterfly*). The edges of the flowers are beautifully fringed, or waved; mixed colors	1.50	.40
Persicum. Choice mixed	$0.40	$0.10
Sutton's Giant. Choicest mixed. Original pkt		.75

CLEMATIS

Hardy perennial climbers; fine for arbors, verandas, etc.

	Large pkt	Pkt.
Flammula. Feathery-white, fragrant flowers	$0.15	$0.05
Jackman's Large Flowering. Mixed; saved from the finest, large flowering sorts	.40	.15
Paniculata (*Japanese Virgin's Bower*). The beautiful autumn flowering variety so much admired for its fragrant, white star-shaped flowers	.20	.10

CUPHEA (Cigar Plant)

Platycentra. A valuable plant for greenhouse or conservatory, or for bedding; flowers scarlet with black and white lip	.30	.10

CYPERUS (Umbrella Plant)

Alternifolius. An elegant plant for growing in water or damp places	.50	.10

English Daisy—Monstrosa

DAISY, ENGLISH DOUBLE (Bellis Perennis)

These are strictly biennials, and seed should be sown from June 1st till September, transplanted in the fall, and they will flower the following spring. If sown in the spring they will flower in the autumn; 4 inches.

	Large pkt.	Pkt.
Monstrosa, Pink. This strain produces the largest and most perfectly double flowers of any	$0.65	$0.25
Monstrosa, White	.65	.25
Monstrosa, Mixed	.65	.25
Longfellow. Large double pink flowers.	.40	.10
Snowball. Purest white; large and double	.40	.10
Double Mixed	.40	.10

DELPHINIUM (Hardy Perennial Larkspur)

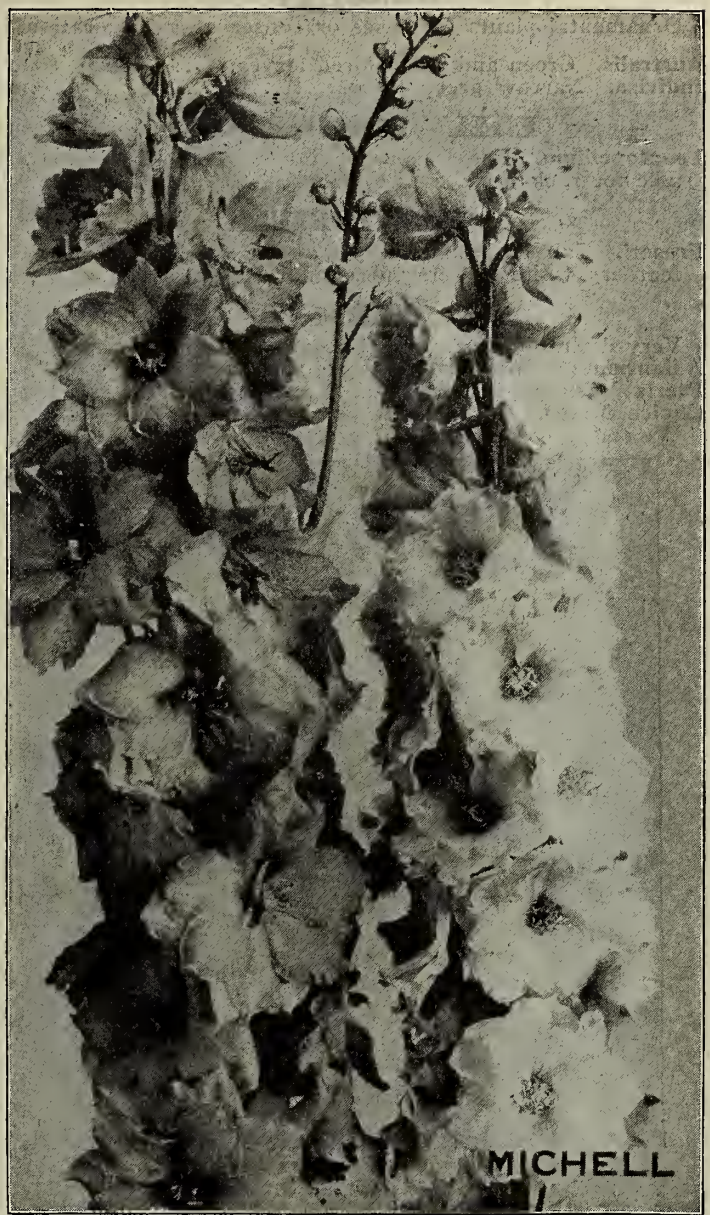
Highly prepossessing plants of stately appearance; of easy culture, and one of the most popular of hardy plants. Their main season of bloom is in June, but if the flower-spike is cut back promptly it will branch and flower all through fall.

	Large pkt.	Pkt.
Kelway's Giant. A strain recognized the world over as a prize-winner; plants are of strong, vigorous growth with immense spikes of large flowers; many shades of blue; 5 to 7 feet.....	$0.50	$0.15
Belladonna. Immense spikes of clear turquoise blue; 5 feet.....	.65	.25
Formosum. Deep blue; 3 feet.....oz., $1.00	.20	.10
Formosum Coelestinum. Sky blue.....	.30	.15
Chinense Grandiflorum. A dwarf strain with loose branches and sprays of bright blue flowers; 2 feet .....oz., 50c.	.15	.05
Chinense Grandiflorum Album. Pure white flowers .....oz., 50c.	.15	.05
Cashmerianum. Dark blue; 18 inches.....	.50	.10
Amos Perry. Semi-double; rich rosy mauve flushed with sky blue; dark eye.....	.50	.15
Duke of Connaught. Rich Oxford blue with a distinct white eye.....	.50	.15
Elatum (*Bee Larkspur*). Rich blue; 4 ft...oz., 75c.	.25	.10
Mme. Violet Geslin. Semi-double; clear blue, lavender centre, with white eye.....	.50	.15
Nudicaule. Bright scarlet; 18 inches.....	.50	.10
Portia. Lovely cornflower blue, with dark centre.	.50	.15
Queen Wilhelmina. Large flowers of a soft lavender blue, flushed with rose, white eye.....	.50	.15
Rembrandt. Bright sky-blue, inner petals rosy lavender	.50	.15
Zalil. Sulphur yellow; 4 feet.....	.50	.10
Hybridum Mixed. Choicest; 4 feet.....oz., 40c.	.15	.05

DICTAMNUS (Gas Plant)

Fraxinella. Showy bushy plants 2½ feet high; rosy pink flowers; perennial; June and July....	.15	.05

Digitalis (Foxglove) Gloxiniaeflora



Delphinium, Kelway's Giants

DIANTHUS (Hardy Garden Pinks)

	Large pkt.	Pkt.
Erfurt. Of dwarf, compact growth; blooms early; very fragrant; mixed colors.....$0.65		$0.15
Clove Scented. Double and semi-double varieties, in beautiful colors; fragrant.....	.40	.10
Latifolius Atrococcineus (*Everblooming Hybrid Sweet William*). Double, brilliant red.....	.25	.10
Pheasant's Eye. Single white, fringed flowers with dark centre.....oz., 60c.	.15	.05
Double Scotch. Choice mixed colors.....	.40	.15

DIGITALIS (Foxglove)

Handsome ornamental hardy plants of stately growth, succeeding almost anywhere. Produce long spikes of beautiful tubular-shaped flowers; blooms during June and July; 4 to 5 feet.

	Oz.	Large pkt.	Pkt.
Gloxiniaeflora, Lilac $0.75		$0.15	$0.10
" **Pink**	.75	.15	.10
" **Purple**	.75	.15	.10
" **White**	.75	.15	.10
" **Mixed**	.60	.15	.05
Monstrosa (*Mammoth Foxglove*). The tall spikes are surmounted by one monstrous flower; all colors mixed.....	1.25	.30	.10

DRACENA

Ornamental plants for vases or conservatory decoration.

	Large Pkt.	Pkt.
Australis. Green and red colored leaves	$0.20	$0.10
Indivisa. Narrow green leaves	.15	.10

EDELWEISS (Gnaphalium)

Leontopodium. The famous Alpine flower, suitable for rock work, etc.; 6 inches	.40	.15

EUPATORIUM

Fraseri. Tall bushy plants with loose heads of feathery white flowers; perennial; 2 feet	.20	.10

FERNS

Very desirable plants for ferneries.

Adiantum (*Maiden Hair*). Mixed	.65	.15
Pteris Varieties. Mixed	.65	.15
Choice Mixed. Choice collection	.65	.15

We can also furnish all other varieties of fern spores.

Gaillardia, Grandiflora

GAILLARDIA (Blanket Flower)

Compact tufts of silvery gray foliage with slender 2-foot spikes of gorgeously colored daisy-like flowers of immense size; flowers all summer; hardy perennial.

	Large Pkt.	Pkt.
Grandiflora Compacta. A compact variety; choice mixed colors; 12 to 15 inches	$0.20	$0.10
Grandiflora Superba. Splendid mixed, 2 ft.; oz., 60c.	.15	.10
Grandiflora Sanguinea. Blood red flowers; 2 feet	.25	.15
Sulphurea Oculata. Sulphur yellow, maroon eye.	.30	.10
Semi-Double. Mixed	.30	.10

GENTIANA (Blue Gentian)

Acaulis. Dwarf hardy perennial; deep blue flowers; suited to moist, shady situations	.20	.10

GEUM

Atrosanguineum Fl. Pl. A beautiful hardy perennial, bearing large, showy flowers all through the summer; fine for bouquets; double, dark crimson flowers; 1½ feet	.25	.10

GLOXINIA

Showy, free-flowering plants for pot culture; producing magnificent flowers of the richest colors; 1 foot

	Large Pkt.	Pkt.
Hybrida Grandiflora. The best strain in existence, embracing all the choicest self-colored, and tigered and spotted flowers	$0.75	$0.25

Gerbera Jamesoni

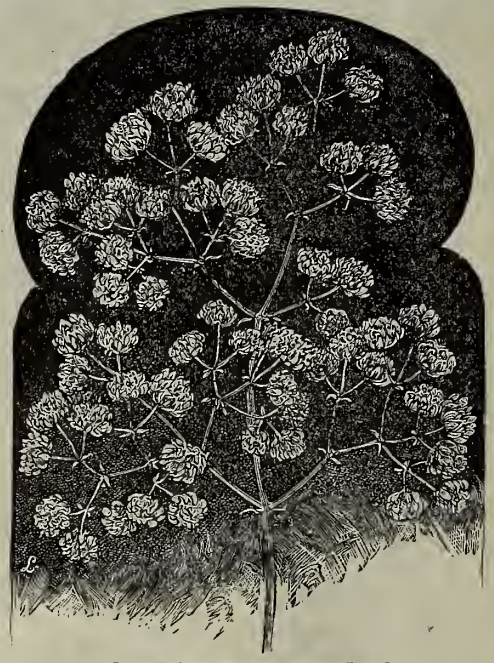
GERBERA (Transvaal Daisy)

Splendid greenhouse perennials with large fine leaved, daisy-like flowers; splendid for pot plants or cutting.

	100 Seeds	Pkt.
Jamesoni Gigantea. Extra large flowers of brightest scarlet	$1.25	$0.25
Jamesoni Hybrida. These hybrids produce many colors and shades	1.25	.25

GOLDEN ROD (Solidago Canadensis)

	Large pkt.	Pkt.
A well-known hardy perennial; deep golden yellow flowers; 2 feet	$0.15	$0.05



Gypsophila Paniculata, fl. pl.

GYPSOPHILA (Baby's Breath)

	Large pkt.	Pkt.
Paniculata. Hardy perennial; flowers in graceful sprays of white; 2 feet	oz., 50c. $0.15	$0.05
Paniculata, fl. pl. Double white	.65	.20

Helenium

HELENIUM (Sneeze-Wort)

	Large Pkt.	Pkt.
Autumnale Superbum. Perennial; succeeding in almost any kind of soil; large heads of golden yellow flowers; 5 to 6 feet; fall	$0.30	$0.10

HELIOPSIS (Orange Sunflower)

Pitcheriana. Hardy perennial; deep orange yellow flowers the entire summer; excellent for cutting; 3 to 4 feet....oz., 50c.	.15	.10

HELIOTROPE

A highly prized plant on account of the delightful fragrance of the flowers; excellent for pots, or for bedding.

	Large Pkt.	Pkt.
Lemoine's Giant. Produces a profusion of flowers nearly double the size of the old sort; mixed colors	$0.50	$0.15
Regal. Of dwarf compact growth; immense flowers; all shades	.50	.15
Choice Mixed. Of many varieties	.25	.10
Imported Collection. 6 sorts		.40

New Giant Hibiscus

HIBISCUS (Marshmallow)

Showy, ornamental plants, having large sized, beautiful bell-shaped flowers; perennial.

	Large Pkt.	Pkt.
New Giant (*Mallow Marvel*). Mixed	$0.40	$0.15
Crimson Eye. Large white flowers with crimson centre; 4 feet....oz., 75c.	.15	.10
Golden Bowl. Giant yellow, maroon centre	.20	.10
Moscheutos. Rosy red with dark centre	.15	.05
Palustris. Large pink flowers; 3 feet	.20	.05

HEUCHERA (Alum Root)

	Large Pkt.	Pkt.
Sanguinea. Splendid plant; spikes of vivid crimson flowers; excellent for cutting; 1 foot	.40	.10

Chater's Double Hollyhock

HOLLYHOCK

One of the most popular and desirable of hardy perennial plants; excellent for planting among shrubbery or forming a background for other flowers; 6 to 7 feet.

CHATER'S IMPROVED DOUBLE HOLLYHOCK

	Oz.	Large Pkt	Pkt.
Pink	$1.25	$0.30	$0.10
Maroon	1.25	.30	.10
Red	1.25	.30	.10
Salmon	1.25	.30	.10
White	1.25	.30	.10
Yellow	1.25	.30	.10
Choice Mixed	1.00	.25	.10
Single Mixed	.75	.20	.10
Imported Collection. 6 colors			.40
Imported Collection. 12 colors			.75
Allegheny. Semi-double; mammoth flowers, edges fringed and laciniated; mixed....oz., $1.00		.25	.10
Double Ever-blooming. Colors range from white to deep black, yellow, pink, red and purple in mixture....oz., $1.25		.30	.15
Single Ever-blooming. Mixed....oz., 75c.		.25	.10

INCARVILLEA (Hardy Gloxinia)

	Large pkt.	Pkt.
Delavayi. Deeply cut hairy foliage with stout stalks terminated with 3 to 5 most beautiful pink, gloxinia-like flowers; May; 15 inches	$0.50	$0.25

IRIS (Flowering Flag)

Kaempferi (*Japanese Iris*). Perennial; blooms the second year from seed; mixed colors	.20	.10

KENILWORTH IVY (Linaria Cymbalaria)

A charming, neat trailing plant, for baskets, vases, pots, etc.; flowers violet	.30	.05

Lathyrus (Everlastng Pea)

LATHYRUS LATIFOLIUS (Everlasting or Perennial Pea)

Free flowering, resembling Sweet Peas in growth, foliage and flowers; excellent for cutting.

	Oz.	Large pkt.	Pkt.
Crimson. Brilliant	$0.50	$0.15	$0.10
Pink Beauty. Bright rosy-pink	.75	.15	.10
White	.50	.15	.10
Choice Mixed. All colors	.40	.15	.05

LAVENDER (Lavendula Vera)

Well-known perennial plant bearing long spikes of fragrant blue flowers; 18 inches	.20	.05

LILY OF THE VALLEY (Convallaria Majalis)

Lovely plants, bearing pure white, fragrant, bell-shaped flowers early in spring	.25	.10

LOBELIA

Cardinalis (*Cardinal Flower*). Hardy perennial; tall spikes of bright scarlet flowers; very showy	.50	.10

LYCHNIS

Perennials of easy culture; most effective in beds or borders.

	Large pkt.	Pkt.
Chalcedonica (*Rose Campion*). Fine scarlet cross-like flowers; 2 feet; July.....oz., 40c.	$0.15	$0.05
Flos Cuculi. Bright red, fringed flowers; 2 feet	.30	.10
Haageana. Brilliant, large, orange, scarlet, pink, and crimson flowers, mixed; 1 foot; July	.20	.10

LYTHRUM (Rose Loose-Strife)

Roseum Superbum. Plants grow 3 feet high and produce spikes of rosy flowers from July to September; perennial	.15	.10

MONARDA (Bee Balm or Bergamot)

Didyma. Tall plants crowned with whorls of salvia-like, deep scarlet flowers; very showy and attractive; perennial; 4 feet; July-August	.65	.15

MUSA ENSETE (Abyssinian Banana)

A handsome tropical plant for planting individually or for the centre of beds; foliage broad and massive and very effective; 10 to 15 feet. Seeds should be started in wet moss placed over heat. Per 10 seeds, 25c.		

Lupinus

LUPINUS (Lupin)

A valuable and showy flower, blooming in six to eight weeks after sowing; valuable for cutting; seeds sown in greenhouse during the late summer and fall months will produce an abundance of bloom for winter.

	Oz.	Large pkt.	Pkt.
Pink Beauty. Delicate salmon pink	$0.50	$0.15	$0.10
Blue	.30	.15	.05
Pink	.30	.15	.05
Red	.30	.15	.05
Scarlet, White Tipped	.30	.15	.05
White	.30	.15	.05
Yellow	.40	.15	.10
Mixed. Annual varieties	.20		.05

LUPINUS (Perennial Varieties)

Polyphyllus Roseus, Pink	1.00	.20	.10
" **Blue**	.30	.15	.05
" **White**	.30	.15	.05
" **Mixed**	.25	.15	.05

MIGNONETTE

Valuable for cutting on account of its fragrance; sow in succession during the whole summer; may also be forced in greenhouses during winter.

	Large pkt.	Pkt.
Michell's Colossal. Foliage, stalks and flowers are very robust. The flower-spike often averaging 18 inches; extremely fragrant	$0.50	$0.15
Hoehl's Giant Flowering. Very large spikes	.65	.15
Allen's Defiance. Spikes invariably attain a height of 12 to 15 inches; deliciously fragrant.oz., 60c.	.20	.10
Bismarck. Compact plant of strong growth; stout spikes of large flowers	.25	.10
Machet. Large reddish tinted, sweet scented flowers .....oz., 50c.	.15	.10
Goliath. Giant spikes of brilliant red flowers	.20	.10
Sutton's Giant. Reddish buff, original pkts		.30
Sweet Scented. The popular garden sort.oz., 15c.		.05
Imported Collection, 10 Varieties		.50

Myosotis (Forget-Me-Not)

MYOSOTIS

Neat and beautiful little plants with star-shaped flowers, succeeding best in a moist semi-shaded situation; perennials and hardy if given slight protection through the winter.

	Large pkt.	Pkt.
Alpestris Victoria. Of bushy habit; bearing large bright blue flowers; very fine; 6 in.	$0.30	$0.10
Dissitiflora. Deep green foliage and attractive deep blue flowers; early flowering	.40	.10
Eliza Fanrobert. Large flowering, bright blue	.20	.10
Grandiflora Alba. Large white flowers; 6 in	.25	.10
Grandiflora Rosea. Large pink flowers; 6 in	.25	.10
Palustris. The true Forget-Me-Not; bright blue flowers; 6 in	.40	.10
Palustris Semperflorens. Dwarf blue; flowers from early spring until autumn	.30	.10
Royal Blue. Upright grower; blue; 1 foot	.40	.10
Ruth Fischer. A compact plant with light blue flowers; splendid for pots	.65	.25
Choice Mixed. Various shades of blue, rose and white ..... oz., 75c.	.20	.05

MICHELL'S GIANT PANSIES

Seed sown in frames during July and August and transplanted later gives us the main crop of flowers the following spring. Pansies thrive best in moist semi-shady situations.

PANSIES IN MIXTURES

	Large pkt.	Pkt.
Michell's Giant Exhibition. A blending of our own containing only the very choicest the specialists in Europe have to offer; it can be relied upon to produce flowers of immense size, very heavy texture and of the most brilliant colors. Per oz., $6.00; ⅛ oz., $1.00.	$0.65	$0.25
Triumph of the Giants Mixed. Immense flowers of great brilliancy and richness of coloring, including many new and rare shades. Per oz., $8.00; $2.25 per ¼ oz.	.75	.50
Bugnot, Odier and Cassier. A superb mixture of giant blotched varieties. ⅛ oz., $1.00	.65	.25
Giant Trimardeau. Very large flowering; all colors mixed ¼ oz., $0.50	.40	.10
Mad. Perret. Early flowering, fragrant, especially rich in red shades. ¼ oz., $1.25	.65	.25
Masterpiece (*Frilled Pansy*). Flowers beautifully curled or waved. ¼ oz., $1.50	.65	.25
Odier or Blotched. Beautiful strain. ¼ oz., $1.25	.65	.15
Parisian Large Stained. Choicest colors. ¼ oz., $0.75	.50	.15
Finest English Mixed oz., $1.50	.30	.10
Very Fine Mixed oz., .75	.20	.05
Imported Collection. 6 colors		.40
Imported Collection. 12 colors		.75

PANSIES—Giant Prize in Separate Colors

A strain secured from the leading Pansy specialists, and not to be compared with the ordinary Giant Trimardeau, as the flowers are of much heavier texture.

	¼ Oz.	Large pkt.	Pkt.
Giant Prize Azure Blue. Violet blue	$1.00	$0.50	$0.15
" " **Black Blue.** Dark velvety	1.00	.50	.15
" " **Emperor William.** Ultramarine blue	1.00	.50	.15
" " **Hortensia Red.** Scarlet	1.25	.50	.15
" " **King of the Blacks.** Black	1.00	.50	.15
" " **Lord Beaconsfield.** Violet	1.00	.50	.15
" " **Peacock.** Upper petals blue, lower petals deep claret with white margin	2.00	.50	.15
" " **Snow Queen.** Pure white	1.00	.50	.15
" " **Striped and Mottled**	1.00	.50	.15
" " **White** with dark eye	1.00	.50	.15
" " **Pure Yellow**	1.00	.50	.15
" " **Yellow** with dark eye	1.00	.50	.15

SPECIAL OFFER. We will send 6 packets of any of the above varieties of Giant Pansies for 75c.; or the entire 12 pkts. for $1.40.

Pansy—Michell's Giant Exhibition

PANSIES—Regular Sorts in Separate Colors

	Oz.	Large pkt.	Pkt.
Belgian Striped. Showy	$1.50	$0.30	$0.10
Emperor William. Ultramarine blue	1.50	.30	.10
Faust (*King of the Blacks*). Almost black	1.50	.30	.10
Gold Margined. Purple, golden edge	1.50	.30	.10
Havana Brown	1.50	.30	.10
Lord Beaconsfield. Violet	1.50	.30	.10
Mahogany Colored	1.50	.30	.10
Silver Edged. Purple, silver edge	1.50	.30	.10
Snow Queen. Pure white	1.50	.30	.10
White with dark eye	1.50	.30	.10
Yellow Gem. Pure yellow	1.50	.30	.10
Yellow with dark eye	1.50	.30	.10

SPECIAL OFFER. We will send 6 packets of any of the above varieties of regular sorts of Pansies for 50c.; or the entire 12 packets for 90c.

PASSIFLORA (Passion Flower)

	Large pkt.	Pkt.
Ornamental climbing plants for the greenhouse or the garden; mixed colors	$0.25	$0.10

PENTSTEMON (Beard Tongue)

A beautiful perennial plant producing large spikes of handsome flowers.

	Large pkt.	Pkt.
Barbatus Torreyi. Spikes of brilliant coral red, very effective; 3 to 4 feet	$0.15	$0.10
Digitalis. Spikes of white flowers, with purple throat; July and August	.15	.10
Hartwegi Albus (*New*). Large, open throated, gloxinia-like blooms, clear white; 2½ feet		.25
Sensation. Plants produce large spikes of gloxinia-like flowers of the most brilliant colors; 2 feet; requires protection	.40	.15
Mixed. Produces large spikes of handsome flowers; 3 feet	.15	.05

PHLOX (Hardy)

Decussata. For a gorgeous show these are one of the most satisfactory of all perennials; plants 2 feet high, in all bright colors; sow seeds late in fall and they will germinate in the spring; mixed colors only ¼ oz., 50c.	.30	.10

PHYSOSTEGIA (False Dragon Head)

A pretty hardy perennial, bearing freely, delicate tubular flowers; 3 to 4 feet; July-August.

	Large pkt.	Pkt.
Virginica. Pink	$0.20	$0.10
Virginica Alba. White	.30	.10

POLYANTHUS (Primula Elatior)

Beautiful spring flowering hardy perennials, either for pot culture or for the garden; 9 inches.

	Large pkt.	Pkt.
Gold Laced. Showy and attractive	$0.50	$0.15
Double Mixed. Beautiful colors	.65	.15
English Mixed. The best single	.30	.10

Poppy—Oriental Hybrids

POPPY (Perennial)

	Large pkt.	Pkt.
Giant Scarlet (*Bracteatum*). Extra large flowers; 3 feet	$0.15	$0.10
Iceland (*Nudicaule*) **Single Mixed.** Colors range from white and yellow to deep orange scarlet; useful for cutting; 12 inches	.20	.10
Iceland, White	.20	.10
" **Yellow**	.20	.10
" **Double Mixed.** 1 foot	.30	.10
Orientale. Extra large flowers; deep scarlet	.25	.10
" **Mrs. Perry.** Rich salmon pink	.40	.10
" **Parkmanni.** Deep crimson	.40	.10
" **Psyche.** Delicate rosy blush	.40	.10
" **Trilby.** Brilliant red	.40	.10
" **Hybrids.** Mixed colors	.30	.10
Imported Collection. Perennial poppies, 8 varieties		.40

PLATYCODON (Chinese Bell Flower)

A very desirable perennial, of erect bushy growth; very handsome for garden decoration.

	Large pkt.	Pkt.
Grandiflorum, Blue. Hardy perennial; large bell-shaped flowers; 2 to 3 feet	$0.15	$0.05
Grandiflorum, White	.15	.05
Japonicus Fl. Pl. (*Double Japanese Bell Flower*). Large, glossy, deep blue flowers	.40	.15

Michell's Prize Chinese Primula

PRIMULA

FRINGED CHINESE PRIMROSE

Our strains are unsurpassed and have won many first prizes.

	Large pkt.	Pkt.
Michell's Prize Mixture. This mixture contains only the very finest sorts selected from the best strains	$0.75	$0.25
Alba Magnifica. White flowers with yellow eye	.75	.40
Chiswick Red. Brilliant red	.75	.40
Duchess. Large; white with zone of rosy carmine, yellow eye	.75	.40
Holborn Blue. A beautiful shade	.75	.40
Kermesina Splendens. Crimson	.75	.40
Rosy Morn. Delicate pink	.75	.40
Stellata (*Sutton's*). Excellent pot plant; mixed		.75
Fern Leaved. Choicest mixed colors	.75	.25
Imported Collection. 8 varieties		.75

PRIMULA OBCONICA GIGANTEA

Flowers much larger than the old type.

Lilacina. Pale lilac	$0.65	$0.20
Rosea. Pink	.65	.20
Kermesina. Crimson	.65	.20
Alba. White	.65	.20
Hybrida Mixed	.65	.20

PRIMULA OBCONICA GRANDIFLORA

Compacta. Dwarf, compact plants with rosy lilac flowers	.65	.25
Fimbriata. Flowers fringed; mixed colors	.65	.15
Vesuvius. Deep crimson	.65	.25
Crispa. Flowers large, curled; color, from apple blossom pink to rose	.65	.20

VARIOUS SORTS

Malacoides. Resembles Primula Forbesi; flowers larger; color, light lilac	.65	.20
Malacoides Rosea. Light rose to carmine rose	.65	.20
Malacoides Alba. Pure white flowers	.65	.20
Primula Kewensis (*Verbena Scented Yellow Primrose*). Spikes each 12 to 18 inches long; color, soft yellow	.65	.25
Buttercup. Yellow flowers; fine for pots	.65	.25
Forbesi (*Baby Primrose*). Small flowers; fine for pots; color, rosy lilac	.65	.15
Cortusoides Sieboldii. Hardy perennial variety; also fine for pots; mixed colors	.65	.15
Veris (*English Cowslip*). Hardy perennial; fragrant; mixed	.20	.10
Vulgaris (*English Primrose*). The common hardy English variety; canary yellow	.40	.10

PUERARIA THUNBERGIANA (Kudzu Vine)

	Large Pkt.	Pkt.
One of the fastest growing hardy climbing plants; grows 8 to 10 feet the first year from seed; after the first year it will grow 30 to 50 feet in a season; rosy purple pea-shaped blossoms	$0.25	$0.10

Pyrethrum—Double

PYRETHRUM (Perennial)

	Large pkt.	Pkt.
Roseum. Flowers bright rose color; July; 2 feet.	$0.25	$0.10
Uliginosum. Large, single white flowers; September; 6 feet	.30	.10
Hybridum Single Mixed. Large flowers ranging in color from light pink to deep red, with bright yellow centres; July; 2 feet	.20	.10
Hybridum Double Mixed	.65	.25

Scabiosa Caucasica

SCABIOSA

Handsome perennial border plants flowering the entire season.

	Large pkt.	Pkt.
Caucasica. Soft blue	$0.40	$0.10
Caucasica Alba. Pure white	.50	.10
Japonica. Lavender	.40	.15

RUDBECKIA (Coneflower)

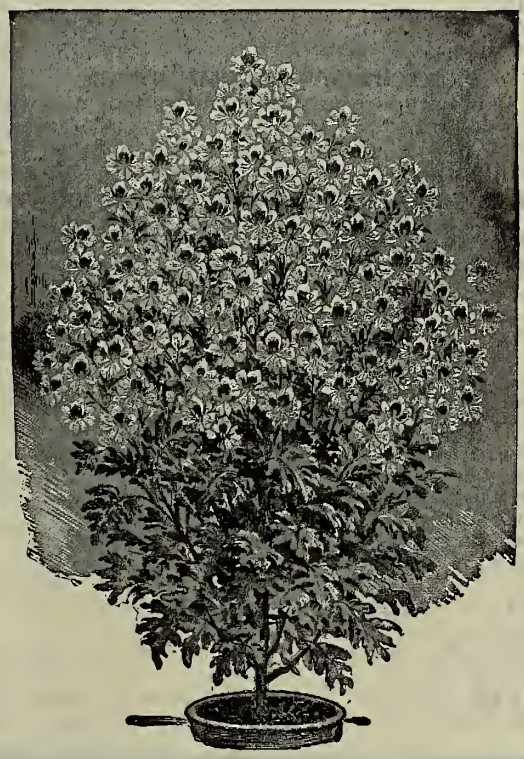
	Large pkt.	Pkt.
Newmani. Large yellow flowers with black centre; perennial; 2 feet; all summer	$0.40	$0.10
Purpurea (*Giant Purple Cone Flower*). Hardy perennial; reddish purple flowers, with dark brown disc; 3 feet	.20	.10

SAINTPAULIA (African Violet)

Ionantha. Beautiful greenhouse plants, bearing a profusion of flowers resembling the violet both in color and shape		.25

SALVIA

Azurea Grandiflora. Hardy perennial; producing during August and September spikes of pretty sky-blue flowers; 2 feet	.30	.10



Schizanthus—Wisetonensis

SCHIZANTHUS (Butterfly Flower)

One of our finest hardy annuals, bearing a profusion of pretty butterfly-like flowers of various colors; also desirable for winter blooming in pots.

	Large pkt.	Pkt.
Grahami Niveus. Foliage finely cut with a profusion of snowy white flowers; 2 feet	$0.50	$0.10
Hybridus Grandiflorus. Free flowering plants covered with flowers of many shades of orchid-like appearance; 12 inches	.40	.15
Wisetonensis. A showy variety, largely used as a pot plant for the house or conservatory; bears a profusion of flowers ranging from white with yellow centre to pink with brown centre	.50	.20
Bridal Veil. Large, snowy white flowers		.25
Mixed. Various colors	.15	.05

SHAMROCK

True Irish. Small leaved	.30	.10

SMILAX

A desirable greenhouse climber of great value for floral decorations; seed should be soaked 24 hours in warm water before sowing....oz., 50c.	.15	.10

STATICE (Everlasting Flower)

Latifolia. Hardy perennial variety, with large, deep blue flowers; 2 feet	.25	.10

MICHELL'S "DISTINCTIVE" STOCKS

One of the choicest and most popular annuals, either for bedding or pot culture, bearing long spikes of delightfully fragrant flowers.

The seeds we offer are hand-saved from pot-grown specimens and will produce a large percentage of double flowers.

MICHELL'S FLOWER MARKET STOCK

This is the ideal stock for either garden, cutting or forcing under glass. Plants branch freely and produce from 10 to 15 heavy spikes of extra large perfect flowers; height, 2 feet.

	⅛ oz.	Large pkt.	Pkt.
White	$0.75	$0.40	$0.15
Flesh Color	.75	.40	.15
Rose	.75	.40	.15
Light Blue	.75	.40	.15
Dark Blue	.75	.40	.15
Blood Red	.75	.40	.15
Mixed Colors	.75	.40	.15

MICHELL'S COLUMN STOCK

Stout plants produce just one giant spike, lined with mammoth flowers; height, 3 feet.

	⅛ oz.	Large pkt.	Pkt.
Blood Red	$0.75	$0.40	$0.15
Pure White	.75	.40	.15

LARGE-FLOWERED DWARF TEN-WEEK STOCK

	⅛ oz.	Large pkt.	Pkt.
Blood Red	$0.50	$0.30	$0.10
Light Blue	.50	.30	.10
Pink	.50	.30	.10
Purple	.50	.30	.10
White	.50	.30	.10
Yellow	.50	.30	.10
Choice Mixed	.50	.30	.10
Imported Collection. 8 varieties			.50

VARIOUS STOCKS

Wall-flower Leaved. Glossy deep green foliage with flowers in all shades	$0.30	$0.10
Brompton or Winter. Fine for forcing under glass or early summer flowering outdoor	.40	.10
Princess Alice (*Cut-and-Come-Again*). Branching plants with double pure white flowers; fine for cutting ⅛ oz., 50c.	.40	.10
Bismarck. A splendid sort for cutting; immense pure white flowers are regularly lined along a colossal spike, often 30 inches in length, with many side shoots	.40	.15
White Lady. A new Winter Stock, with large double flowers of a lustrous snowy white	.40	.20

Stokesia, Cyanea

MICHELL'S "NICE" STOCK

An early flowering strain; remarkable free bloomer, producing an abundance of large double, fragrant flowers on a single plant; fine for garden bedding or cutting.

Beauty of Nice. Delicate soft pink. Pkt., 15c.; 40c. large pkt.

Crimson King. Brilliant fiery crimson. Pkt., 15c.; 40c. large pkt.

Queen Alexandra. Delicate lavender. Pkt., 15c.; 40c. large pkt.

Victoria. Pure white. Pkt., 15c.; 40c. large pkt.

Abundance. Of dwarf spreading habit, bearing a profusion of flowers; color, a beautiful shade of carmine rose. Pkt., 15c.; 40c. large pkt.

La Brilliante. Rich brilliant crimson. Pkt., 20c.; 40c. large pkt.

Mme. Rivoire. Early flowering; color, pure white. Pkt., 15c.; 40c. large pkt.

Michell's "Nice" Stock

STOKESIA (Cornflower or Stokes' Aster)

Dwarf tufts with stout flower stalks, 15 inches high, with large Aster-like flowers; perennial; July to October.

	Large pkt.	Pkt.
Cyanea. Light blue	$0.25	$0.10
Cyanea Alba. Pure white	.30	.10

SUNFLOWER (Helianthus)

Showy perennials blooming the whole summer.

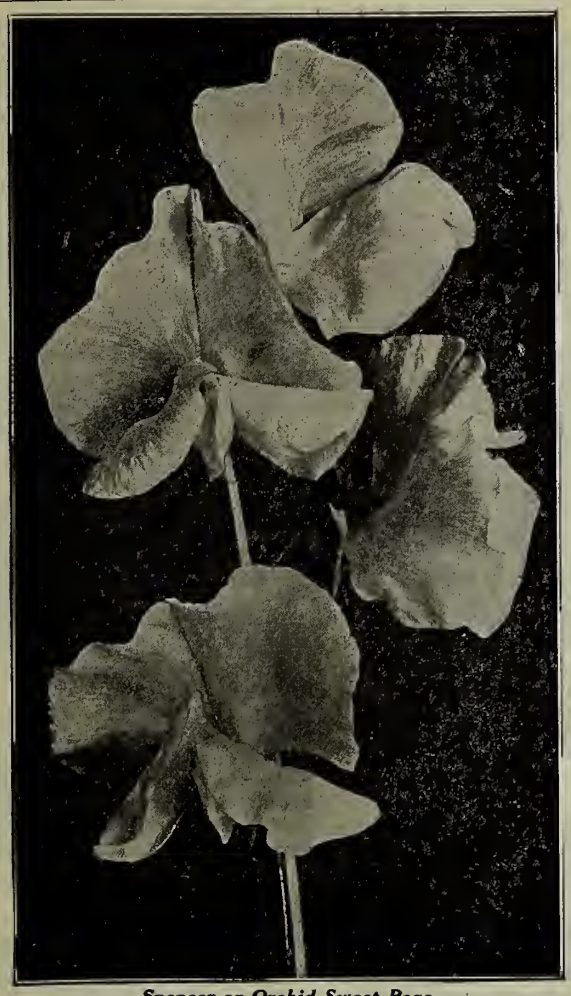
Golden Bouquet. Single yellow flowers; 5 feet	$0.25	$0.10
Choice Mixed. Single flowering	.40	.10

SWEET ROCKET (Hesperis)

Mixed. Fragrant white and purple flowers; perennial; 2 to 3 feet	.15	.05

MICHELL'S PERENNIAL FLOWER GARDEN MIXTURE

To create an old-fashioned wild garden or to naturalize along roads or woods we highly recommend this mixture, as it contains many hundred varieties of the choicest old-fashioned flowers. Pkt., 10c.; 1 oz., 40c.; $1.25 per ¼ lb.



Spencer or Orchid Sweet Peas

SWEET PEAS

NEW WINTER FLOWERING SPENCER SWEET PEA—YARRAWA

This is a true Winter Flowering Spencer variety, flowering uninterruptedly for several months. The flowers are exquisitely waved and when well grown average 2½ inches in diameter, many of them being duplex or double flowered. They are usually produced in fours on extra long stems. Color, a pleasing shade of bright rose pink with light wings. Price: Large pkt., $1.00; $3.00 per ½ oz.; per oz., $5.00.

NEW WINTER FLOWERING SWEET PEA

ROSE QUEEN (Orchid Type)

Flowers are produced on long stems, extra large size and of an exquisite pink color. We offered this variety to our customers last season for the first time, and it gave the utmost satisfaction. Large packet, $1.00.

MICHELL'S WINTER FLOWERING SWEET PEAS

ESPECIALLY ADAPTED FOR FORCING

	Pkt.	Oz.	¼ lb.
Michell's Snowdrift. Pure white; black seeded; extra early; large flowers on long stems	$0.10	$0.35	$1.00
Christmas Meteor. Scarlet	.10	.25	.75
" **Pink.** Pink and white	.10	.25	.75
" **White** (*Florence Denzer*)	.10	.25	.75
Le Marquis. Large dark blue	.10	.25	.75
Mrs. Alex. Wallace. Lavender	.10	.25	.75
Mrs. Chas. H. Totty. Lavender	.10	.25	.75
Mrs. F. J. Delansky. Daybreak pink	.10	.25	.75
Mrs. Geo. Lewis. Pure white	.10	.25	.75
Mrs. William Sim. Salmon pink	.10	.25	.75
Mrs. W. W. Smalley. Satin pink	.10	.25	.75
Watchung. Pure white	.10	.25	.75
Mixed. Winter flowering	.10	.25	.75

SWEET PEAS—General List

For early blooming outdoors we recommend sowing seed the latter part of November and covering with 2 or 3 inches of leaves or litter; these will bloom the following year much earlier than spring sown seed.

Spencer, or Orchid Flowered Varieties

These are distinguished from the standard sorts by the enormous flowers with crinkled and wavy petals and also from the fact that they usually bear four blossoms on a stem.

	Pkt.	Oz.	¼ lb.	lb.
Apple Blossom Spencer. Deep pink	$0.10	$0.25	$0.85	$3.00
Asta Ohn Spencer. Rich lavender	.10	.25	.85	3.00
Blanche Ferry Spencer. Pink and white	.10	.25	.85	3.00
Captain of the Blues Spencer. Deep blue	.10	.25	.85	3.00
Countess Spencer. Soft rose pink	.10	.25	.85	3.00
Dainty Spencer. White edged with rosy pink	.10	.25	.85	3.00
Duplex Spencer. Large; creamy pink	.10	.40	1.25	4.00
Elfrida Pearson. Light pink, margined darker pink	.10	.25	.85	3.00
Ethel Roosevelt. Flowers large; soft primrose, flaked with crimson	.10	.25	.85	3.00
Flora Norton Spencer. Light lavender	.10	.25	.85	3.00
Florence Morse Spencer. Delicate blush	.10	.25	.85	3.00
Florence Nightingale. Extra large; lavender	.10	.25	.85	3.00
Frank Dolby. Mauve lavender	.10	.20	.75	2.50
George Herbert. Rose pink	.10	.25	.85	3.00
Gladys Unwin. Delicate pink	.10	.20	.50	1.50
Helen Lewis. Orange pink	.10	.25	.85	3.00
Illuminator. Rich salmon pink	.15			
King Edward Spencer. Bright crimson	.10	.25	.85	3.00
King White. Gigantic pure white	.15	1.25		
Lovely Spencer. Delicate salmon pink	.10	.25	.85	3.00
Margaret Atlee. Salmon pink on cream ground.	.15			
Mrs. Hugh Dickson. Salmon pink on cream ground	.10	.25	.85	3.00
Mrs. Routzahn Spencer. Buff pink	.10	.25	.85	3.00
Nora Unwin. Immense flower; pure white	.10	.20	.60	2.00
Othello Spencer. Deep maroon	.10	.25	.85	3.00
Primrose Spencer. Light yellow	.10	.25	.85	3.00
Queen Alexandra. Bright scarlet	.10	.25	.85	3.00
Sterling Stent. Salmon suffused with orange	.10	.25	.85	3.00
Vermilion Brilliant. Intense scarlet	.15	.50	1.50	5.00
Wedgewood. A lovely self blue	.15			
White Spencer. Clear white	.10	.25	.85	3.00

Standard Varieties

	Oz.	¼ lb.	Lb.
Blanche Burpee. Large white	$0.15	$0.40	$1.25
Blanche Ferry. Pink and white	.15	.40	1.25
Dainty. White, edged rosy pink	.15	.40	1.25
Dorothy Eckford. Extra large white	.15	.40	1.25
Duke of Westminster. Standard clear purple, wings violet	.15	.40	1.25
Emily Henderson. Pure white	.15	.40	1.25
Flora Norton. Delicate lavender	.15	.40	1.25
Hon. Mrs. E. Kenyon. Primrose yellow	.15	.40	1.25
Katherine Tracy. Soft but brilliant pink	.15	.40	1.25
King Edward VII. Crimson scarlet	.15	.40	1.25
Lady Grisel Hamilton. Pale lavender	.15	.40	1.25
Lord Nelson. Rich navy blue	.15	.40	1.25
Lovely. Soft shell pink	.15	.40	1.25
Miss Willmott. Deep orange pink	.15	.40	1.25
Othello. Very dark maroon	.15	.40	1.25
Prima Donna. Lovely soft pink	.15	.40	1.25
Prince of Wales. Rose crimson	.15	.40	1.25
Queen Alexandra. Large scarlet	.15	.40	1.25
Salopian. Scarlet	.15	.40	1.25

Price, any of the above Standard Varieties, 5c. per pkt.

Sweet Peas in Mixture

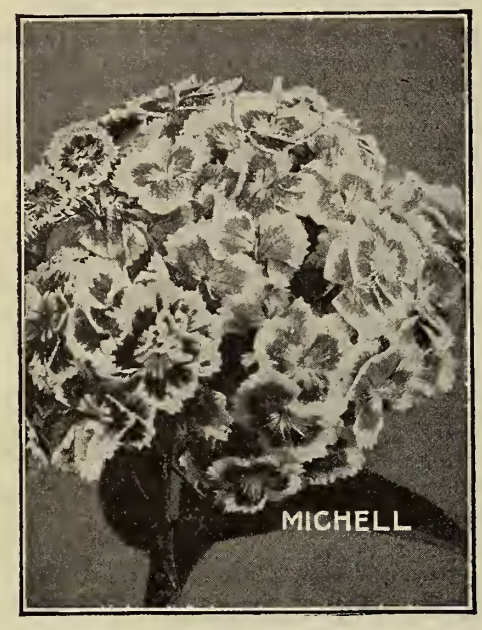
Michell's Superb Spencer or Orchid Mixture.—We blend this ourselves from only the Giant Waved Spencer varieties, including a number of new hybrids of exquisite color and shades. Pkt., 10c.; 20c. per oz.; ¼ lb., 60c.; $2.00 per lb.

Michell's Magnificent Mixture.—A selection of only the large flowering standard varieties, a large percentage of which are of the lighter colors and shades. Pkt., 5c.; 15c. per oz.; ¼ lb., 40c.; $1.25 per lb.

Michell's Gilt Edge Mixture.—This mixture contains large flowering varieties and represents almost every color and shade in Sweet Peas. Pkt., 5c.; 10c. per oz.; ¼ lb., 30c.; $1.00 per lb.

SWEET ROCKET (Hesperis)

	Large Pkt.	Pkt.
Mixed. Fragrant white and purple flowers; perennial; 2 to 3 feet	$0.15	$0.05



Sweet William

SWEET WILLIAM (Dianthus Barbatus)

This is one of the finest of our hardy garden plants; of easy culture, thriving in any good garden soil and lasting for years. The plants grow about 1½ feet high.

	Oz.	Large Pkt.	Pkt
Single Crimson	$0.50	$0.15	$0.05
" **Red** with white eye	.50	.15	.05
" **Velvety Maroon**	.50	.15	.05
" **Violet** with white eye	.50	.15	.05
" **White**	.50	.15	.05
" **Mixed.** All colors	.30	.15	.05
Pink Beauty. Fine salmon pink		.40	.15
Scarlet Beauty. Rich deep scarlet		.50	.15
Auricula Flowered. A beautiful class of "eyed" single varieties, all colors mixed	.75	.15	.05
Double Mixed	1.00	.20	.10

TRITOMA (Red Hot Poker Plant)

Uvaria Grandiflora. Large spikes of orange-scarlet flowers; perennial; 3 to 4 feet	.20	.10

VALERIANA (Garden Heliotrope)

Hardy perennial border plants; fragrant flowers; 2 to 3 ft.

	Large Pkt.	Pkt
Officinalis. Showy, rose pink flowers	$0.40	$0.10
Mixed	.15	.05

VERONICA (Speedwell)

An elegant hardy perennial of easy culture; valuable as a cut flower or for garden effect. Plants grow bushy and produce long spikes of flowers.

	Large Pkt.	Pkt.
Spicata. Bright blue; 18 inches	$0.30	$0.10
Virginica. White; 3 to 5 feet	.30	.10

VIOLA CORNUTA (Tufted Pansies)

These resemble pansies in shape and form, with the additional quality that they are of long stems, and appear uninterruptedly from early spring till snow flies.

	Large Pkt.	Pkt.
Admiration. Dark blue	$0.30	$0.10
Lutea Splendens. Rich golden yellow	.30	.10
Mauve Queen. Lovely mauve color	.30	.10
Perfection. Light blue	.30	.10
White Perfection. Pure white	.30	.10
G. Wermig. Of the identical color of the "Princess of Wales" violet		.20

VIOLET Sweet Scented (Viola Odorata)

Well-known, fragrant spring-blooming plants.

	Large Pkt.	Pkt.
Single Blue Czar. Dark blue	$0.40	$0.10
Single White Czar. Large white	.40	.10
Single Mixed. Blue and white	.40	.10

WALLFLOWER

While these are perennials, they are not perfectly hardy; the plants should be lifted late in the fall and planted in a cold-frame, and removed to the garden again in the spring; the flowers are fragrant and splendid for cutting; double varieties, 2 feet; single varieties, 1½ feet.

	Large Pkt.	Pkt.
Double Brown	$0.50	$0.10
" **Yellow**	.50	.10
" **Mixed.** All colors	.40	.10
Single Mixed	oz., 30c. .15	.05
Imported Collection. 6 double varieties		.50

Paris Extra Early. A single-flowering variety, which may be treated as an annual, flowering the first year from seed.

	Large Pkt.	Pkt.
Blood Red	$0.20	$0.10
Yellow	.20	.10
Mixed. All colors	oz., 50c. .15	.10

MICHELL'S COLLECTION OF HARDY PERENNIAL FLOWER SEEDS

One packet each of the following varieties for $1.25.

Aquilegia. Single Mixed.
Calliopsis. Lanceolata Grandiflora.
Campanula. Pyramidalis.
Delphinium. Formosum.
Dianthus. Clove Scented.
Digitalis. Gloxiniæflora. Mixed.
Gaillardia. Grandiflora.
Gysophila. Paniculata.
Heuchera. Sanguinea.
Hollyhock. Double Mixed.
Lobelia. Cardinalis.
Phlox. Decussata. Mixed.
Poppy. Orientale.
Pyrethrum. Single, Mixed.
Scabiosa. Caucasica.
Stokesia. Cyanea.
Sweet William. Double.
Mixture of Perennial Flowers

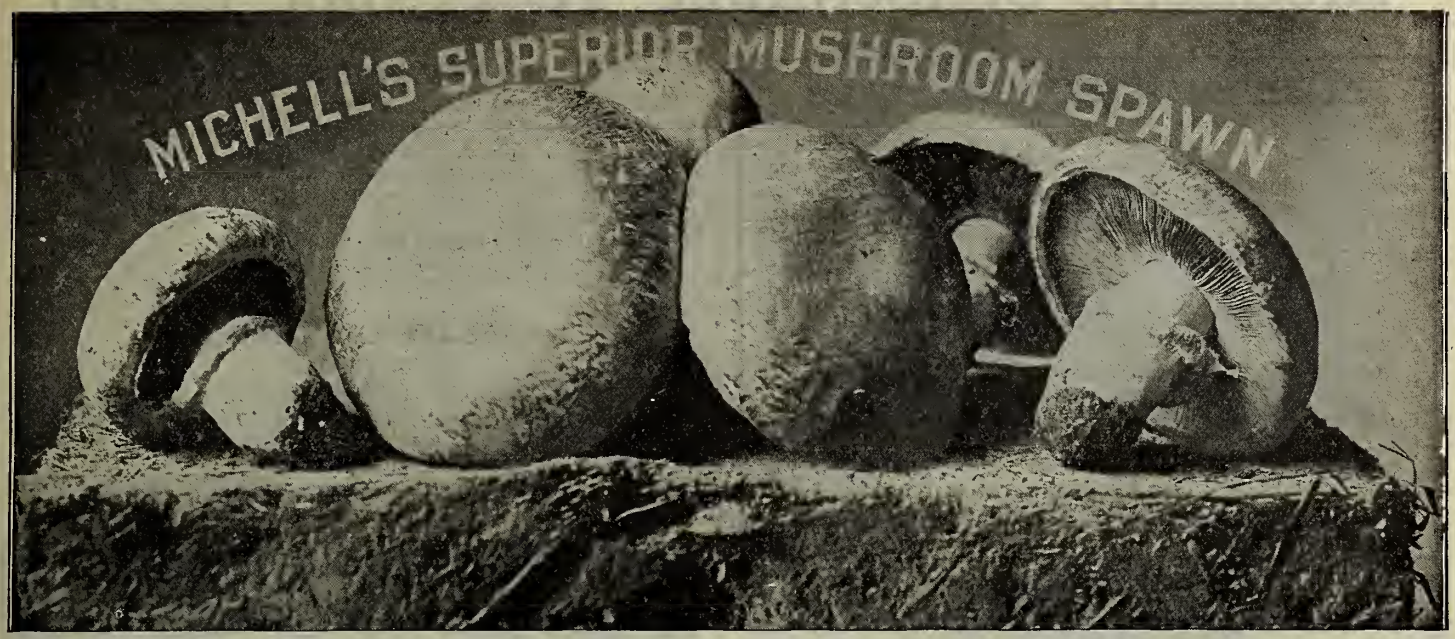
IMPORTED COLLECTIONS HARDY PERENNIAL FLOWER SEEDS

Collection Containing 12 Distinct Sorts	$0.40
Collection Containing 25 Distinct Sorts	.75

MICHELL'S PERENNIAL FLOWER GARDEN MIXTURE

To create an old-fashioned wild garden or to naturalize along roads or woods we highly recommend this mixture, as it contains many hundred varieties of the choicest old-fashioned flowers. Pkt., 10c.; 1 oz., 40c.; $1.25 per ¼ lb.

Viola Cornuta



BRIEF CULTURAL DIRECTIONS FOR GROWING MUSHROOMS

THIS delicacy is within the reach of any one who has a greenhouse or a cellar. A crop is produced with good spawn, a little care and patience in about 4 to 6 weeks, and continues in bearing about two months. New beds can be started at intervals which will give a supply the entire season. The first planting can be made in July, the last in March Summer spawned beds do not bear well.

Get a quantity of absolutely fresh horse manure and remove the excessive heat by turning it once a day, for 3 days, or until the temperature has fallen to about 100°. Then form a bed 8 to 10 inches deep and allow it to remain undisturbed until the temperature has fallen to 80°. Now is the time to plant the spawn. Break the bricks in pieces the size of a walnut, and place at regular intervals of 1 to 2 inches below the surface of the bed in distance to plant 8 square feet with one brick, compress the manure after spawning to make the bed solid. Nothing now must be done until the bed has a whitish appearance which shows that the spawn is running, nor must it be watered previously. Now place a layer of fine sifted soil, (which should be procured in advance) to the depth of 1 to 2 inches on the bed. With an occasional sprinkling when dry, the bed should begin to produce in from 4 to 6 weeks from spawning time, conditions being favorable. *New beds must be made at each planting.*

Send for our free booklet "Mushrooms, How to Grow Them Successfully."

MICHELL'S SUPERIOR ENGLISH MUSHROOM SPAWN

15c. per brick. *Parcel Post Weight, per brick, 1¼ lbs.* Per doz., $1.60; 25 lbs., $2.50; $8.00 per 100 lbs.

LAMBERT'S AMERICAN PURE CULTURE SPAWN

This type produces larger mushrooms than the English, coming into bearing somewhat earlier, and continuing to crop for a long time. This spawn is produced by selecting spores from individual specimen mushrooms and is propagated and transferred to the bricks of manure, which, when planted, produce mushrooms all of one type.

Standard No. 8 Cream White. For use from April to October.
Standard No. 9 Pure White. For use from October to April.

Prices of Pure Culture Spawn. Standard Bricks.

Brick. *Parcel Post Wt.,*		10 bricks	$2.00
1¾ *lbs.*	$0.25	25 "	4.00
5 bricks	1.10	50 "	7.00

Direct No. 8 Cream White. For use from April to October.
Direct No. 9 Pure White Type. For use from October to April.

Prices of Pure Culture Spawn. Direct Bricks.

This strain is the earliest and produces a greater quantity than the "Standard."

Brick. *Parcel Post Wt.,*		10 bricks	$2.30
1¾ *lbs.*	$0.30	25 "	5.60
5 bricks	1.25	50 "	10.50

BRANDYWINE PURE CULTURE SPAWN

This is an entirely new strain originating in the section of Pennsylvania that supplies the New York and Eastern markets with mushrooms. It appears to be especially full of life, and we can recommend it as an early and prolific producer; mushrooms are uniform and almost pure white in color.

Brick. *Parcel Post Wt.,*		10 bricks	$2.30
1¾ *lbs.*	$0.30	25 "	5.60
5 bricks	1.25	50 "	10.50

MUSHROOM OR HOT BED THERMOMETERS

Mailed at customer's risk only.

No. 5981. Heavy Brass Point style. *Parcel Post Wt.,* $1.50
No. 20350. Heavy Iron Point style. *Parcel Post Wt.,* 1.00

BOOKS ON GROWING MUSHROOMS

Pamphlet (gratis for a postal card asking for it).
Robinson's Book (postpaid) $0.50
Falconer's Book (postpaid) 1.00

MICHELL'S SEASONABLE VEGETABLE SEEDS

For complete list see our General Seed Catalog, mailed free on request.

WE PAY POSTAGE AND PACKING CHARGES

(Except as noted)

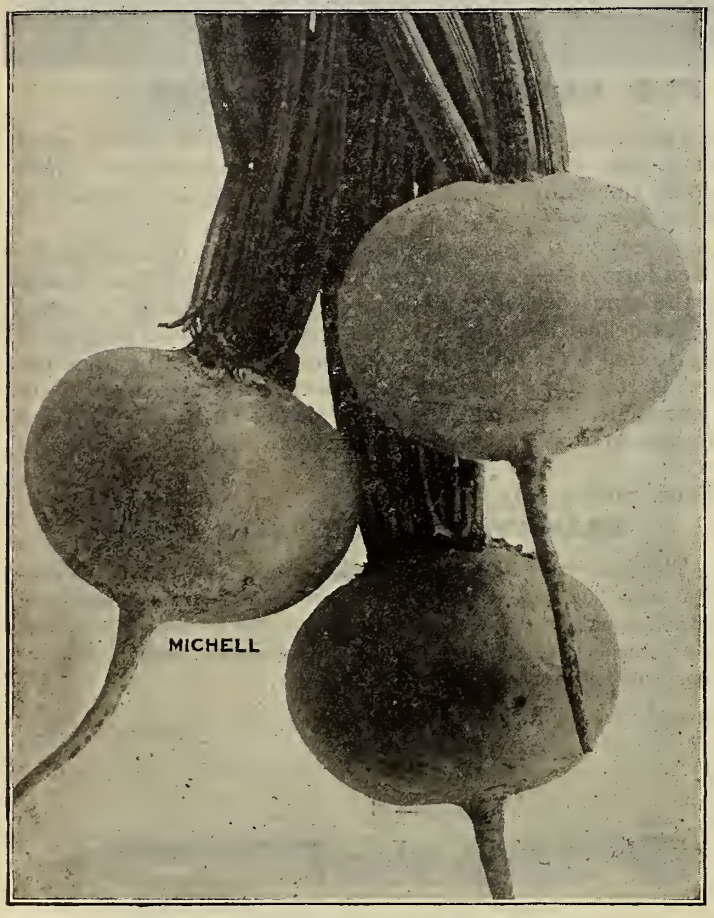
on all orders for vegetable and flower seeds, provided the order calls for packets, ounces, quarter-pounds and pounds (pints and quarts of beans, corn, cowpeas and mixed grass seeds, are **not included**), or such other seeds where mention is made in catalogue. If all seeds are wanted by mail, remit for postage at the following rates. (Consult your post office for weight limits.)

No charge is made for boxes, packing or bags, except for two-bushel seamless sacks, 22c. each, which are returnable for credit at the price charged.

Mailing weights of seeds usually ordered in measured quantity

Corn, 1 pint.....1 lb.	Beans, 1 pint.....1 lb.
Corn, 1 quart.....2 lbs.	Beans, 1 quart.....2 lbs.
Peas, 1 pint.....1 lb.	Lawn seed, 1 pint ....½ lb.
Peas, 1 quart.....2 lbs.	Lawn seed, 1 quart ...1 lb.

See 2d cover page for further explicit particulars regarding parcel post.



Crosby's Egyptian Beet

BEET—Table Varieties

	Pkt.	Oz.	¼ lb.	Lb.
Arlington Favorite Blood (Turnip)..	$0.05	$0.15	$0.40	$1.25
Bassano Extra Early (Turnip).....	.05	.10	.30	1.10
Bastian's Early Turnip.....	.05	.10	.30	1.00
Bastian's Half Long Blood.....	.05	.10	.30	1.00
Crimson Globe (Michell's Improved).	.05	.15	.40	1.25
Crosby's Egyptian (Turnip).....	.05	.15	.40	1.25
Detroit Dark Red (Turnip).....	.05	.15	.35	1.20
Eclipse Extra Early (Round).....	.05	.10	.30	1.10
Edmand's Blood (Turnip).....	.05	.10	.35	1.15
Lentz Turnip.....	.05	.10	.30	1.00
Swiss Chard. Silver Leaved.....	.05	.10	.25	.75
Swiss Chard. Giant Lucullus.....	.05	.15	.40	1.20

BEANS FOR FORCING

These are a very prolific crop in the greenhouse during the winter months. They require little care except warmth, etc.

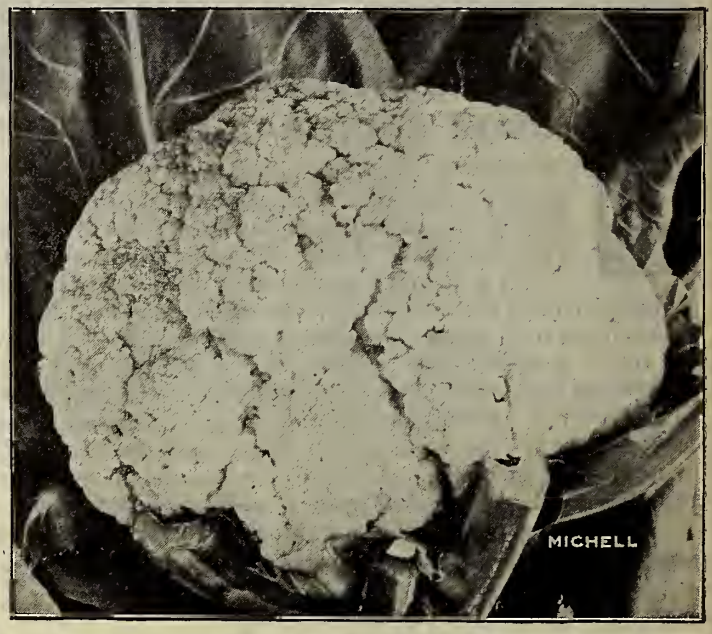
	Pkt.	Pt.	Qt.	4 Qts.
Sion House. A round podded sort, especially suited for forcing. A great producer	$0.10	$0.30	$0.60	$2.00
Triumph of the Frames. For forcing it is especially desirable; the pods are round, thin and tender, but very long	.10	.30	.60	1.75

ENGLISH CUCUMBERS

(For Forcing)

They produce enormous fruits, generally 18 to 24 inches long and 3 inches in diameter. They have a delicate flavor and possess very few seeds; for slicing, no other sort can approach them.

Lockie's Perfection, Sion House, Telegraph, Tender and True. Each per packet of 12 seeds, 25c.; $2.00 per 100 seeds.



Michell's Selected Snowball Cauliflower

CAULIFLOWER

(Varieties Suitable for Forcing)

Matador. A splendid forcing variety. Although not quite as large as Snowball or Erfurt, it can stand any degree of heat and is extremely hardy in hot beds. 15c. pkt.; ¼ oz., 75c.

Michell's Earliest Snowstorm. Colossal heads of purest white, averaging often 10 inches in diameter; being very long and compact, it gives enormous weight to the individual heads; especially desirable for its earliness under glass. Pkt., 25c.; 50c. per large pkt.; ¼ oz., $1.50; $2.50 per ½ oz.; 1 oz., $5.00.

Michell's Special Strain Selected Erfurt. One of the earliest in cultivation, small leaved dwarf; splendid forcer; the head is not as large as the Snowstorm sort. Pkt., 20c. and 50c.; 85c. per ¼ oz.; ½ oz., $1.50; $2.75 per oz.

Early Snowball. A splendid early variety, producing magnificent medium size white heads. Pkt., 20c. and 50c.; 85c. per ¼ oz.; ½ oz., $1.50; $2.75 per oz.

CAULIFLOWER PLANTS

Pot Grown

For autumn planting in cold frames; ready in September and October.

	Per Doz.	Per 100
Early Snowball	$0.50	$4.00
Early Erfurt	.50	4.00

MICHELL'S SEASONABLE VEGETABLE SEEDS

FORCING CARROTS

	Pkt.	Oz.	¼ lb.	Lb.
Early Half Long Scarlet. A very desirable pointed root variety of fine flavor and good color	$0.05	$0.15	$0.40	$1.25
Rubicon Half Long. Of excellent shape and extremely well adapted for early forcing	.05	.15	.40	1.25
Very Early Short Horn or French Forcing. An early forcing variety; small round roots, not much larger than a Radish	.05	.15	.40	1.25

CORN SALAD

This is usually sown early in September and allowed to stand outside all winter. Before severe weather settles, cover the salad with a light litter of leaves, hay or straw. On mild days it can be cut just like spinach, lasting well into the spring.

	Pkt.	Oz.	¼ lb.	Lb.
Large Leaved Round Seeded	$0.05	$0.10	$0.25	$0.70

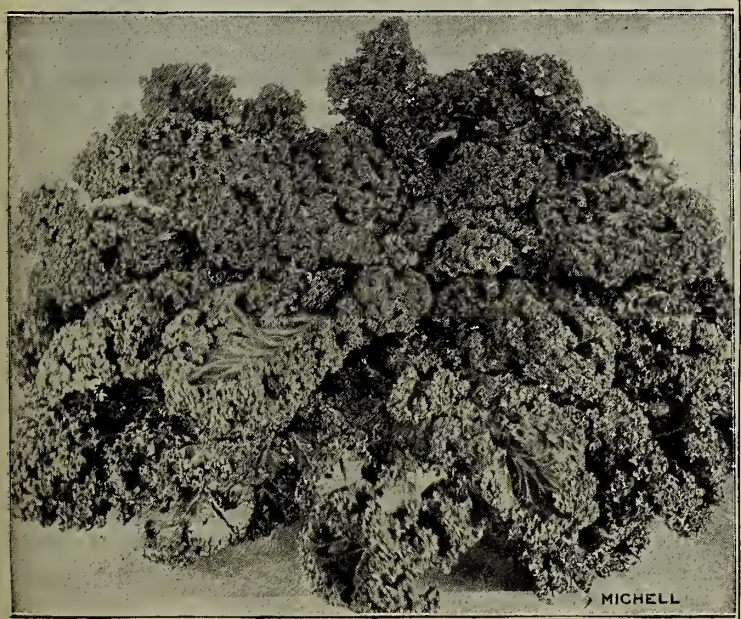
Water Cress

CRESS

Garden and Water Cress make an excellent winter crop under glass, and will always be welcomed on the table.

Erfurt Water Cress. Pkt., 10c.; 20c. per ½ oz.; oz., 30c.; $1.00 per ¼ lb.

Extra Curled Garden Cress or Pepper Grass. Pkt., 5c.; 10c. per oz.; ¼ lb., 20c.; 50c. per lb.

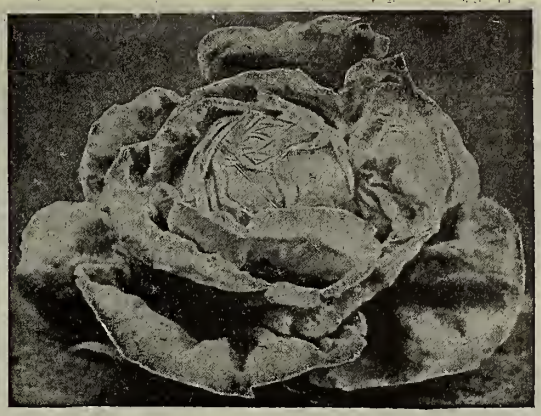


Dwarf Green Scotch Kale

KALE

This can be sown early in September, broadcast or in drills. When severe cold weather is at hand it should be protected with a covering of straw, salt hay or other litter. On mild days it can be gathered readily, making an excellent winter greens, which will last well into spring.

	Pkt.	Oz.	¼ lb.	Lb.
Dwarf Green Curled German	$0.05	$0.10	$0.30	$0.90
Dwarf Green Scotch	.05	.10	.30	.90
New Imperial Long Standing	.05	.10	.30	.90



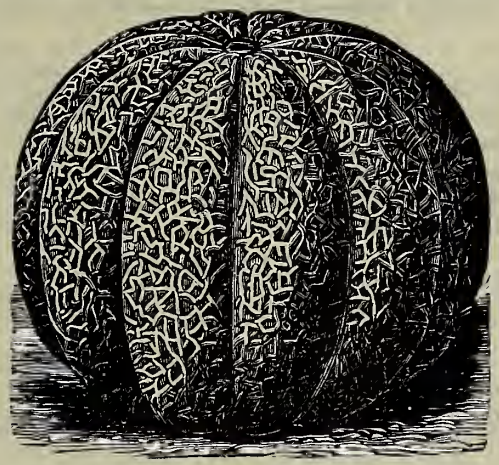
Boston Market Lettuce

LETTUCE

Varieties especially suited for forcing and sowing under glass.

	Pkt.	½ Oz.	Oz.	¼ lb.	Lb.
All Heart	$0.10	$0.15	$0.25	$0.75	$2.25
Big Boston (Selected Stock)	.05	.10	.20	.60	2.00
Boston Market (White Seeded)	.05	.10	.20	.50	1.50
Dutch Butter (Private Stock)	.10	.15	.30	1.00	2.50
Early Cabbage or White Butter	.05	.10	.15	.45	1.50
Emperor Forcing	.05	.10	.20	.50	1.60
Grand Rapids Forcing	.05	.10	.20	.50	1.50
Davey's Improved Big Boston	.10	.20	.40	1.25	
Unrivaled	.05	.10	.20	.60	2.00
Way-ahead	.10	.15	.25	.65	

For other Varieties see our General Seed Book



FORCING MELONS OR CANTALOUPES

They require a very warm well-shaded house, thriving best in good rich soil. If you have a spare corner try a few plants. A single plant produces a number of fruits.

	Per Packet
Blenheim Orange, Invincible Scarlet, Each	$0.25
Sutton's A1, 50c. per pkt. **Windsor Castle**	.25

Melon Nets. For supporting forcing melons in greenhouses; made very strong. $1.00 per doz.; per 100, $7.00.

ONION SETS

	Qt.	4 Qts.	Peck
Tree or Top	$0.15	$0.50	$0.80
White	.25	.90	1.50
Yellow	.20	.70	1.25

PARSLEY

	Pkt.	Oz.	¼ lb.	Lb.
Champion Moss Curled	$0.05	$0.10	$0.35	$1.25
Double Curled (Covent Garden)	.05	.10	.30	1.00
Hamburg or Rooted	.05	.15	.40	1.25

Our General Seed Catalogue gives a full description of all varieties of Vegetable Seeds we offer (ha)

MICHELL'S SEASONABLE VEGETABLE SEEDS

Michell's (Improved Strain) Cardinal Globe Radish

RADISH

	Pkt.	Oz.	¼Lb.	Lb.
Beckert's Chartier (Long Scarlet)	$0.05	$0.10	$0.25	$0.75
Black (½ Long Winter)	.05	.10	.30	1.00
Black Spanish (Long Winter)	.05	.10	.25	.75
Black Spanish (Round Winter)	.05	.10	.25	.75
Brightest Scarlet (½ Long)	.05	.10	.20	.60
California White Winter	.05	.10	.25	.75
Cardinal Globe	.05	.10	.30	1.00
Cardinal Globe (Improved Strain)	.05	.15	.40	1.25
Celestial or White Chinese (Winter)	.05	.10	.30	1.00
Crimson Giant (New)	.05	.15	.35	1.00
Fireball	.05	.10	.30	.85
French Breakfast	.05	.10	.30	.85
Golden Olive Shaped (Yellow)	.05	.10	.20	.65
Icicle (Long, Pure White)	.05	.10	.30	.85
Icicle (Improved Strain)	.05	.15	.40	1.25
Large White Summer (Turnip-Shaped)	.05	.10	.20	.60
Long Scarlet Short Top	.05	.10	.25	.80
Long White Lady Finger	.05	.10	.25	.75
Round Red Forcing or Button	.05	.10	.30	.85
China Rose (Winter)	.05	.10	.25	.70
Round White Forcing or Button	.05	.10	.30	.85
White Box (Felton's Private Stock)	.05	.15	.30	1.00
White Box (Philadelphia Grown)	.05	.10	.25	.75
White Strasburg (½ Long)	.05	.10	.20	.70

SPINACH

	Pkt.	Oz.	¼lb.	Lb.	5 lbs.
Bloomsdale Savoy		$0.05	$0.15	$0.40	$1.75
Bloomsdale (Improved Strain)	$0.05	.10	.20	.50	2.00
Garden Giant	.05	.10	.20	.50	
Long Season (New)	.05	.10	.20	.50	2.25
New Zealand	.05	.10	.30	1.00	
Victoria (Long Standing)		.05	.15	.40	1.75

The method of placing a barrel without a bottom over a Rhubarb clump has a tendency to draw up the length of the stalks, thus increasing the yield.

FORCING RHUBARB *(Ready in October)*

Rhubarb is as readily obtainable in winter as well as spring. The clumps which should be at least four years old should be planted in good garden soil in a cool cellar, preferably as dark as possible. Where practicable, a barrel or a peach basket, either without a bottom, should be placed over each root to draw the top up. Does extra well under greenhouse benches. Place the roots as close as possible. When spring approaches and rhubarb is obtainable outdoors the clumps may be planted out for use another season. The roots should always be subjected to a slight frost before planting indoors. We offer large clumps of the Victoria variety, 25c. each; $2.50 per doz.; 25 for $4.25; $15.00 per 100.

One Year Old Rhubarb for out-door planting, 10c. each; doz., $1.00; $6.00 per 100.

TOMATOES *Adapted for Forcing*

Stirling Castle. Firm medium fruit, with few seeds; very productive. 10c. pkt.; ½ oz., 20c.; oz., 40c.; per ¼ lb., $1.25.

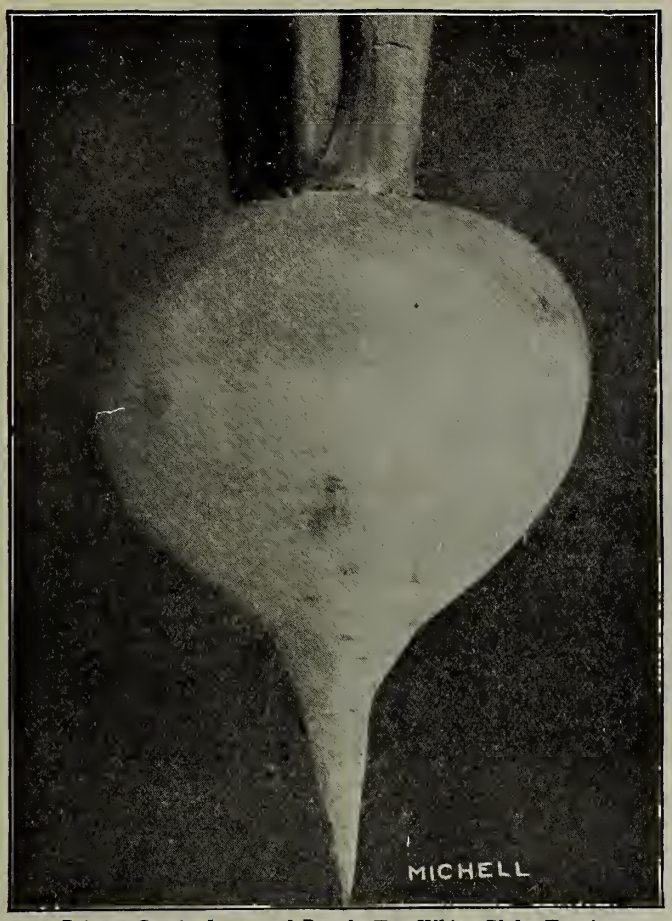
Frogmore Select. Grows in large clusters, an especially fine variety; very uniform and prolific. 10c. pkt.; ½ oz., 20c.; 40c. oz.; ¼ lb., $1.25.

Balch's Fillbasket. Fine forcer; original pkts., 50c. each.

Sutton's Best of All. One of the finest varieties in use in England, and the seed we offer is grown from Sutton's original stock. The fruit is medium sized, and of an intense red color, containing but few seeds, it is produced in clusters of from 3 to 6 fruits. Pkt., 10c.; 25c. ½ oz.; oz., 50c.; $1.75 per ¼ lb.

Comet. A cluster averages 6 tomatoes of medium size of the brightest red, ripening up to the stem. One of the first to ripen and continues in bearing for a long while. Pkt., 10c.; 20c. per ½ oz.; oz., 35c.; $1.25 per ¼ lb.

Sutton's Eclipse. A very smooth fruit, borne singly on plants which produce little foliage, a good point in a forcing tomato, vermilion red color; original packets, 50c.



Private Strain Improved Purple Top White Globe Turnip

TURNIP AND RUTA BAGA

	Pkt.	Oz.	¼ lb.	½ lb.	Lb.
Cow Horn	$0.05	$0.10	$0.20	$0.30	$0.60
Early Purple Top, Flat	.05	.10	.20	.30	.60
White Globe (Private Stock)	.05	.15	.35	.50	1.00
Purple Top White Globe	.05	.10	.25	.40	.75
Robertson's Golden Ball	.05	.10	.20	.30	.50
Ruta Baga, Yellow Purple Top	.05	.10	.25	.40	.75
Ruta Baga, Private Stock, Globe	.05	.15	.35	.65	1.25
Snow Ball, Extra Early, White	.05	.10	.20	.30	.60
White Flat Dutch, Strap Leaved	.05	.10	.20	.30	.50
White Milan, Extra Early	.05	.10	.25	.45	.85
Yellow Aberdeen, Flat	.05	.10	.20	.30	.60
Yellow Globe or Amber	.05	.10	.20	.30	.60

ILOILO (PANAY), PHILIPPINE ISLANDS.

Send me at once the enclosed order. Your seeds beat anything I've ever had in that line.

CAPT. JESSE M. BAKER,
Quartermaster, U. S. A.

SANTA LUCIA, HONDURAS, CENTRAL AMERICA.

Please send me this order at once. Despite being over 5,000 feet above sea level here, your seeds have always been satisfactory. *H. A. OWEN.*

VEGETABLE and HERB PLANTS and ROOTS

Asparagus Roots (Ready in October)

The handling of this crop is carefully described in our leaflet on Asparagus Culture, which is mailed free or included with orders, if asked for. The two year old roots usually produce two years after planting, the three year old may be cut lightly one year after planting.

	2 Year Old Roots			3 Year Old Roots		
	100	500	1000	100	500	1000
Giant Argenteuil. Violet and white	$1.00	$4.00	$7.50	$1.75	$7.50	$15.00
Barr's Mammoth. Dark green	.75	3.00	5.50	1.50	6.50	12.50
Columbian Mammoth White. Pure white	.75	3.00	5.50	1.50	6.50	12.50
Conover's Colossal. Light green	.75	3.00	5.50	1.50	6.50	12.50
Palmetto or Eclipse. Light green	.75	3.00	5.50	1.50	6.50	12.50

Cauliflower Plants (Pot Grown)

For autumn planting in cold frames.	Doz.	100
Early Snowball	$0.50	$4.00
Early Erfurt	.50	4.00

Lavender (Hardy)

Used for its flowers, which when dried are strewn among clothing to keep away moths. Pot-grown plants. 10c. each; per doz., $1.00; $6.00 per 100.

Mint (Hardy)

This is used for making mint sauce and juleps, also in many other ways. The plants are hardy and when once established remain for years. Pot-grown plants.

Spearmint. 10c. each; per doz., $1.00; $6.00 per 100.

Peppermint. 10c. each; per doz., $1.00; $6.00 per 100.

Rhubarb Roots (Ready in October)

Victoria Large Clumps. 10c. each; $1.00 per doz.; per 100, $6.00. Parcel Post Weight, per root, 1 lb.

Victoria Extra Large Clumps for Forcing. 25c. each (not mailable); $2.50 per doz.; 25 for $4.25; $15.00 per 100.

Rosemary (Hardy)

This makes an attractive border plant, also used extensively for various medicinal purposes. Pot-grown plants. 10c. each; doz., $1.00; $6.00 per 100.

Sage (Hardy)

Holt's Mammoth. Large leaved variety, used in gravies, stews and also for medicinal purposes. Pot-grown plants. 10c. each; per doz., $1.00; $6.00 per 100.

Winter Savory (Hardy)

A popular herb, used in flavoring, etc. Pot-grown plants. 15c. each; doz., $1.50; $10.00 per 100.

Tansy (Hardy)

For medicinal purposes this herb is of great value. 10c. each; doz., $1.00.

Tarragon (Hardy)

These are hardy if given plenty of protection in winter. Do not plant them in an exposed place. Extra large pot-grown plants. 25c. each; per doz., $2.50; $17.50 per 100.

Thyme (Hardy)

English Broad Leaved. This is almost an indispensable herb; once planted it remains permanent for years. Pot-grown plants. 10c. each; doz., $1.00; $6.00 per 100.

MICHELL'S RECLEANED LAWN GRASS SEEDS

Grounds of the new Masonic Homes, Elizabethtown, Pa. (showing Grand Lodge Hall), sown exclusively with Michell's Grass Seeds. The Committee having in charge the installation of the buildings and the arrangement of the grounds, after exhaustive inquiry and reports on purity and germination tests of Grass Seeds, awarded us the entire contract for supplying Grass Seeds to sow their immense tract of lawn.

MICHELL'S GRASS SEED "TOP NOTCH"

25 POUNDS PER BUSHEL

At any price it would hardly be possible to get together a more perfect blend of thoroughly recleaned grasses than this mixture. From experiments made it seems to do unusually well under most every condition of soil, weather and climate, retaining at all times its brilliant green color. Again we have frequently been asked on orders to send a lawn mixture of quality "par excellence" regardless of price, so finally decided that there was room for still greater improvement in lawns than our already high grade mixtures of grasses would produce.

Top Notch weighs **25 lbs. per bushel** and we are safe in saying that it can hardly be produced elsewhere at the price we quote it. Our grass seed sales amounting to more than half million (500,000) lbs. per year, we are able to get the choice of the Grass Seed Market. Imagine a perfect Grass Plot with a slight inkling of white clover where every tuft and blade is fine, closely grown together and without a weed. There is not a particle of chaff in this mixture and it cannot help but satisfy the most particular lawn critic. On account of the heavy nature and quality of the seed, unusual results are obtained in the shortest space of time. We recommend sowing this mixture at the rate of about 3½ to 4 bu., per acre to establish new lawns. It is not put up or sold in quantities of less than a peck. Price, $2.00 per peck (6¼ lbs.); per ½ bush., $3.75; $7.00 per bush. (of 25 lbs.); 2 bush., $13.50; $32.50 per 5 bush.; 100 lb. lots and over, 26c. lb.

A few of the many Testimonials received on the merits of Michell's Grass Seeds:

The 30 bushels of Green Velvet Grass Seed received from you last month was sown in three different places (about seven acres in all). I feel proud when I say it was the best seed I ever handled; the lawns it made are great.

D. J. BENNETT,
Supt. to Percy Leavitt, Esq., Akron, Ohio.

Akron, Ohio, Sept. 5, 1913.

We are placing with you a second order for Green Velvet Lawn Grass, for the reason that the first lot was so satisfactory to our company that we wanted equally good results from the plot we are now sowing.

THOS. ROCKWELL,
EAST AKRON CEMETERY CO. Secretary.

MICHELL'S "GREEN VELVET" GRASS SEED

This mixture has stood the test of every clime and region in the United States. It is the result of many years of untiring study, labor and experimenting, coupled with the endeavor to give the man with a lawn a grass seed mixture which will produce a perfect turf. It is composed of close growing, fine leaved hardy grasses which will stand wear and tear, and outlive the severest winter, retaining at all times its lustrous green color. Our experiments have proven conclusively that only with a reliable mixture of several varieties of grasses can a quick permanent lawn be produced, for this reason we do not recommend the sowing of any one variety, such as Blue Grass, etc., alone.

Michell's Green Velvet Grass Seed weighs 20 lbs. per bushel. This fact alone is proof of its purity.

Quantity to sow. You cannot sow too much, the more the better, it means a quicker, more satisfactory and lasting result. We recommend, on new ground, to sow as follows:

1 qt. on 100 sq. feet (10 x 10); 4 qts. on 600 sq. feet (20 x 30); 1 peck on 1,500 sq. feet (30 x 50); 1 bushel on 7,000 sq. feet (70 x 100); 5 to 6 bushels per acre for best effects.

Prices: 1 pt., **20c.** (P. P. Wt., ½ lb.); 1 qt., **30c.** (P. P. Wt., 1 lb.); 4 qts., **85c.** (P. P. Wt., 3 lbs.); 1 peck, **$1.25** (P. P. Wt., 5 lbs.); 1 bu. (20 lbs.), **$5.00**; 5 bu., **$24.00**; 100-lb. lots and over 24c. lb.

The remarkably *Fine Lawns* seen at the Philadelphia National Export Exposition; The Pan-American Exposition, Buffalo; The Jamestown Exposition, Va.; The Lewis-Clarke Exposition, Portland, Ore., were seeded with **Michell's Green Velvet Grass Seed.** For years it has been extensively sown in the Public Parks and Squares of Philadelphia (including Fairmount Park). The Parks of Wilkes-Barre, Reading, Harrisburg, Penna., on the Executive Mansion Grounds, Washington, D. C., and on thousands of Country Estates.

☞If Grass Seed is wanted by parcel post, allow for mailing when remitting (hc)

MICHELL'S SHADED LAWN GRASS SEED

Shaded locations produced by overhanging large trees, shrubbery, buildings, etc., have often been found difficult to keep in grass. We have made a special study of such conditions and after extensive experimenting have combined a mixture of grasses that will produce perfect swards in the most densely shaded places. It must be borne in mind that too much shade creates sour soil and to guard against this apply air-slaked lime (or land plaster where the former is not available) at the rate of 1 bushel to each 1000 square feet. Lime should be applied about every three years only, while land plaster may be applied periodically during the summer. Frequent fertilizer applications, such as bone meal or sheep manure, are a great help in establishing a thick, healthy growth of grass in shaded places. Sow seed at the same rate as recommended for Green Velvet Grass on opposite page. This mixture weighs 20 lbs. per bushel and will prove to be a remarkable success. 1 pt., **15c.**, *P. P. Weight, ½ lb.;* 1 qt., **25c.**, *P. P. Weight, 1 lb.;* 2 qts., **40c.**, *P. P. Weight, 2 lbs.;* 4 qts., **75c.**, *P. P. Weight, 3 lbs.;* peck (5 lbs.), **$1.25;** bush., (20 lbs.), **$5.00;** 5 bush., **$24.00;** 100-lb lots and over, **24c.** lb.

MICHELL'S WOODLANDS GRASS MIXTURE

At the instance of various customers on several occasions, it had been suggested that we list a grass formula for sowing in woodlands. After several tests, carefully followed up, we have arrived at a mixture of hardy grasses, that have given splendid satisfaction. It is especially adapted for thickly wooded locations (Norway Maples and Pine Trees excepted). Sow at the rate of 4 bushels per acre. $1.00 per peck (5 lbs.); per bushel of 20 lbs., $4.00; $19.50 for 5 bushels; 100 lbs. and over at 19½c. per lb.

MICHELL'S EVERGREEN LAWN GRASS SEED

Where soil conditions and weather are ideal this mixture will in most cases produce a green sward in three to four weeks. It is composed of the finest native and foreign short growing and fine bladed lawn grasses and will form a turf which can only be approached for quality by a covering of real velvet. The quantity required to sow a given space is the same as that recommended for Michell's Green Velvet on page 56. It weighs 20 lbs. per bushel and every kernel is full of vitality. Prices: Pt., **15c.**, *P. P. Weight, ½ lb.;* qt., **25c.**, *P. P. Weight, 1 lb.;* 4 qts., **65c.**, *P. P. Weight, 3 lbs.;* peck (5 lbs.), **$1.00;** bush. (20 lbs.), **$4.00;** 5 bush., **$19.50;** 100-lb. lots and over, **19½c.**, lb.

MIXTURES FOR PLEASURE GROUNDS

Michell's Putting Greens Mixture

While many greens keepers prefer to make their own mixtures for this purpose, there are some who rely on the ability and experience of the seedsman. Our formula for this has been reached after many extensive tests. It is a quick-growing mixture of short, thin-bladed grasses, over which the ball can roll without resistance. In sowing Putting Greens it is wise economy to be very liberal with the seed, as these places are subjected to hard use. We do not recommend less than 1 bushel of 20 lbs. (and more is better) to a green 75 foot square.

Prices: 1 qt., 30c.; 4 qts., $1.00; 1 peck, $1.75; 1 bush. (25 lbs.), $7.00; 5 bush., $32.50; 100-lb. lots and over, 26c. lb.

Michell's Fair Greens (Golf Course) Mixture

Composed of short-growing, deep-rooted varieties, resists plenty of wear. It retains its color well during the severest droughts. Sow 6 bushels per acre.

Prices: Qt., 25c.; 2 qts., 45c.; 4 qts., 75c.; 1 peck, $1.25; 1 bu. (20 lbs.), $4.50; 5 bu., $21.25; 100-lb. lots and over, 21¼c. lb.

Teeing Grounds Mixture. 20 lbs. per bushel. Used on golf courses or in places where a tough resisting turf is wanted. 25c. qt.; 4 qts., 65c.; $1.00 per peck (5 lbs.); bushel (20 lbs.), $4.00.

Lawn Tennis Grass Seed. Our mixture will be found particularly adapted for the purpose (20 lb. per bu.). Qt., 25c.; 2 qts., 45c.; 75c. for 4 qts.; 1 peck, $1.25; $4.50 per bu.; 5 bu., $21.25; 100-lb. lots and over, 21¼c. lb.

MICHELL'S SPECIAL MIXTURES OF GRASSES

Fairmount Park Lawn Seed. A very fine mixture indeed, meeting the requirements of those desiring a moderately priced grass seed. Sow 4 bushels to the acre on new lawns or 2½ bushels in renovating old lawns. Prices: Per qt. 20c., 35c. for 2 qts., 4 qts. 60c., 85c. per pk., per bush. of 15 lbs. $3.00, $14.50 for 5 bush., 100-lb. lots and over, 19c. lb.

Michell's Seashore Formula Grass Seed. The salt atmosphere plays havoc with the seashore lawn. This formula contains such grasses only as thrive in salt air regions. Sow 4 bushels to the acre on new ground or 2½ bushels for reseeding old lawns. Prices: Per qt. 25c., 40c. for 2 qts., 4 qts. 75c., $1.25 per pk., per bu. of 20 lbs. $5.00, 5 bu. $24.00, 100-lb. lots and over, 24c lb.

Michell's Terrace or Embankment Grass Seed. Sow 4 bushels per acre. Prices: Per qt. 25c., 40c. for 2 qts., 4 qts. 75c., $1.25 per pk., per bush. of 20 lbs. $5.00, 5 bush. $24.00, 100 lbs.. and over 24c. lb.

Southern States Lawn Grass Seed. Made up especially for dry, hot localities, especially suited to the Southern States. 15 lbs. per bushel. Prices: 20c. per qt., 2 qts. 35c., 60c. for 4 qts., pk. $1.00, $3.50 per bu., 5 bu. $16.25, 100 lbs. and over 21c. lb.

Special Sod Grass Seed. A quick growing mixture, making a very tough and heavy sod in a short time; especially valuable for cemeteries, tennis courts, pleasure grounds, etc. 15 lbs. per bush. Prices: 25c. per qt., 2 qts. 40c., 75c. for 4 qts., pk. $1.00, $4.00 per bush., 5 bush. $18.75, 100 lbs. and over 25c. lb.

Michell's Poultry Yard Grass Mixture. Makes a quick permanent sod for chicken runs, furnishing a variety of green food. 20c. per qt.; 35c. for 2 qts.; 4 qts., 60c.; 85c. per peck; bu., $3.00.

Michell's Permanent Pasture Grass Seed. In the past few years ideas of what was the best way to establish a permanent grazing sod have undergone many changes. The then prevalent method of sowing timothy and clover has been found not only costly but too short lived to answer the purpose. The old custom has given way to the new, which is the sowing of a mixture of permanent grasses. Michell's Permanent Pasture Grass Seed is composed of about 10 of the best growing and most nutritious grasses and clovers for stock feeding or grazing. One sowing will last many years, although we advise additional sowings each autumn just previous to which a light harrowing is recommended to give the grass a quick hold. Sow 3 to 4 bushels per acre on new lands or 2 bushels on established pastures (15 lbs. per bushel). Prices: Per qt. 20c., 4 qts. 50c., peck 85c., bush. (15 lbs.) $3.00, 5 bush. $13.75, 100 lb. lots, 18c. lb.; 200-lb. lots and over, 17c. lb.

Michell's Permanent Hayfield Grass Seed. While timothy is still extensively sown for this purpose, this mixture is gradually being adopted by the progressive farmer. Its main advantages are that certain grasses in the mixture will grow better in varying conditions of soil, thus giving a full crop of hay on land that otherwise might produce but a half crop of timothy and clover. Our formula is the outcome of thorough trials in every kind of soil. Sow 3 to 4 bushels per acre on new lands, or 2 bushels on established fields (15 lbs. per bushel). Prices: Per qt. 20c., 4 qts. 50c., peck 85c.; bush. (15 lbs.) $3.25, 5 bush. $14.00, 100-lb. lots 18c. lb., 200-lb. lots and over 17c. lb.

An **English Chain Harrow** is ideal in preparing grass lands.

No. 1—For 1 horse,	5 x 6	feet.	Weight,	126 lbs.	.....$17.50
No. 2—For 2 "	6 x 7¾	"	"	236 "	..... 25.00
No. 3—For 2 "	9 x 11	"	"	357 "	..... 30.00

MICHELL'S RECLEANED GRASS SEEDS, in Separate Varieties

Bermuda Grass. For sowing as far North as Washington, D. C., above which latitude it is not hardy. 75c. per lb.; 5 lbs., $3.50.

Blue Grass, Fancy Kentucky (*Poa Pratensis*). Our stock of this is extra fine, thoroughly recleaned; sow 3 to 5 bu. per acre on lawns, 2½ to 3 bu. on pasture fields (bu. 14 lbs.). Per lb., 25c.; peck, 65c.; per bu., $2.50; $14.00 per 100 lbs.

Blue Grass Canadian (*Poa Compressa*). Makes an ideal pasture highly relished by cattle; excellent also for sowing on embankments; sow in same proportions as Kentucky Blue Grass Seed (bu. 14 lbs.). Lb., 20c.; bu., $2.00; 100 lbs., $11.00.

Creeping Bent (*Agrostis Stolonifera*). Adapted admirably for lawns, also putting greens, tennis courts, etc.; sow 4 bu. per acre (20 lbs. per bu.). Lb., 55c.; bu., $10.00; 100 lbs., $45.00

Crested Dogstail (*Cynosurus Cristatus*). Excellent as a pasture and lawn grass. Sow 3½ to 4 bu. per acre (21 lbs. per bu.). Price, 40c. lb.; bu., $7.00; $30.00 per 100 lbs.

English, or Perennial Rye Grass (*LoliumPerenne*). (*Pacey's Fancy Short Seeded*). This makes the quickest returns in growth of any grass; is deep rooted and is readily established. Sow 3 bu. per acre (24 lbs. per bu.). Price, 15c. per lb.; per bu., $2.50; $10.00 per 100 lbs.

Fine Leaved, or Slender Fescue (*Festuca Tenuifolia*). This grass is especially valuable for dry soils. Sow 3 bu. per acre (bu. 14 lbs.). Price 50c. per lb.; bu., $6.00; $37.50 per 100 lbs.

Herd, or Red Top Fancy Recleaned. This is one of the best grasses for sowing for immediate effect. Our stock is free from chaff and is absolutely pure. Sow 25 lbs. per acre (32 lbs. per bu.). Price, 50c. per lb.; per bu., $14.40; $42.00 per 100 lbs.

Herd, or Red Top Unhulled (*Agrostis Vulgaris*). Sow 4 to 5 bu. per acre on lawns or 3 bu. on pasture lands (10 lbs. per bu.). Price, 20c. per lb.; per bu., $1.60; $14.00 per 100 lbs.

Hard Fescue (*Festuca Duriuscula*). A splendid grass for golf links, tennis courts, etc.; will resist droughts. Sow 3 bu. per acre (12 lbs. per bu.). Lb., 30c.; bu. $3.00; 100 lbs., $22.00.

Italian Rye (*Lolium Italicum*). Very desirable for pasture; being an annual, it comes to maturity the first season. Sow 50 lbs. per acre (18 lbs. per bu.). Price, 15c. per lb.; bu., $2.00; $10.00 per 100 lbs.

PRICES SUBJECT TO MARKET CHANGES

Note.—If Grasses are wanted by parcel post, allow for postage when remitting.

Meadow Fescue (*Festuca Pratensis*). Sow 40 to 50 lbs. per acre (22 lbs. per bu.). Price, 20c. per lb.; bu., $3.25; $14.00 per 100 lbs.

Orchard Grass (*Dactylis Glomerata*). For early pasturing this is very desirable; also fine for sowing in shaded places. Sow 40 lbs. per acre (12 lbs. per bu.). Price, 30c. per lb.; per bu., $3.25; $22.00 per 100 lbs.

Red, or Creeping Fescue (*Festuca Rubra*). Very valuable for sowing on sandy soil and in shaded places. (14 lbs. per bu.). Price, 30c. per lb.; bu., $3.75; $25.00 per 100 lbs.

Rhode Island Bent (*Agrostis Canina*). For sowing at seashore resorts, on putting greens, tennis courts, etc.; 40 lbs. per acre (14 lbs. per bu.). Lb., 55c.; bu., $5.95; $45.00 per 100 lbs.

Sheep's Fescue (*Festuca Ovina*). For sowing on lawns, fields or pleasure grounds. Sow 40 lbs. per acre (12 lbs. per bu.). Price, 30c. per lb.; bu., $3.00; $22.00 per 100 lbs.

Sudan Grass. A new forage crop of immense value. Two and often three cuttings can be obtained from it under favorable condition. This grass is not hardy in the North, being similar to the Millets. Sow 16 lbs. per acre. Lb., 50c.

Sweet Vernal *Annual* (*Anthoxanthum Od. Puelli*). Sow 5 lbs. per acre with other grasses. Price, 30c. lb.; 5 lbs., $1.40.

Sweet Vernal *Perennial* (*Anthoxanthum Odoratum Real*). Price, 60c. per lb.; 5 lbs., $2.75.

Tall Meadow Oat (*Avena Elatior*). A valuable lawn and pasture grass, especially for use in the South. Sow 5 bu. per acre (10 lbs. per bu.). 30c. lb.; bu., $2.50; $22.50 per 100 lbs.

Timothy (*Phleum Pratense*). Sow ½ bu. per acre (45 lbs. per bu.). 15c. per lb. Price varies constantly: ask for quotations.

Various Leaved Fescue (*Festuca Heterophylla*). Thrives well in low moist soils, matures early and is very hardy; good for shaded locations. Sow 40 lbs. per acre (15 lbs. per bu.). 35c. per lb.; bu. $4.50; $27.50 per 100 lbs.

Wood Meadow (*Poa Nemoralis*). The best grass for sowing under trees where a lawn is desired. Sow 30 lbs. per acre (14 lbs. per bu.). Price, 50c. lb.; bu., $6.00; 100 lbs., $40.00.

Full description of all grasses listed here is given in a special Booklet entitled "The Lawn," mailed free for the asking (ha)

Michell's Choice Recleaned Seed Wheat, Etc.

Prices of Seed Wheat fluctuate constantly and will be quoted on request.

"MIRACLE" (Bearded)

This valuable Wheat was introduced by us in the vicinity of Philadelphia in 1911. We kept track of parties to whom we shipped it, and we learned, without a single exception, that it is all we represented it to be. It produces a magnificent, heavy growth of straw, which is very stiff and erect. The head is bearded and contains well-shaped wheat berries of a semi-hard red nature of excellent milling qualities. **It is a tremendous stooler, one grain** producing as many as **25 stalks with often 45 grains to the head** or stalk. It is readily seen that this wheat should produce on average conditions an enormous crop, its usual rating being anywhere from 40 to 50 bushels per acre under average conditions. The introducer impresses upon us very forcibly **not to recommend the sowing of more than one-half bushel per acre,** as if seeded heavier it is liable to choke itself, on account of its free stooling habit. It is early to mature, and produces straw often 5 feet high.

"FULTZO-MEDITERRANEAN" (Beardless)

This is a cross of the "Fultz" and the old "Mediterranean" Wheats. The berry is short, plump and red. Chaff white and smooth. The heads are of medium length, very compact, well filled and inclined to widen at the top. By careful selections and reselections for a series of years our grower succeeded in eliminating practically all the bearded heads formerly found in Fultzo-Mediterranean. For earliness or stiffness of straw it cannot be excelled. It stools well and 1¼ to 1½ bushels per acre is sufficient to sow. Coming from two vigorous hardy varieties, it has inherited the good qualities of both its parents. It frequently produces over 40 bushels per acre.

FOUR-ROWED FULTZ (Beardless)

Four-rowed Fultz has a tendency to produce spikelets composed of four grains of wheat arranged in a row close together. Although the heads are only of medium length, in most cases they contain more wheat than heads of other varieties that are much longer.

Four-rowed Fultz is **extremely early.** The berry is of medium size, hard, red in color. Chaff is white. Straw is of medium length, strong and stiff. It is adapted for practically any variety of soils and is unsurpassed for hardiness.

On average and rich soils, Four-rowed Fultz will give straw of great length, will stool out wonderfully, making a thick growth.

Four-rowed Fultz has numerous records of yield of 40 bushels per acre on average land. On select land as much as 50 bushels per acre has been harvested. Sow 1½ to 2 bushels per acre.

RED WAVE (Beardless)

Too much cannot be said in favor of "Red Wave." It does well in all kinds of soils and we find that it is **especially profitable in sandy and gravelly locations.**

Red Wave produces large, dark red, very hard grains of extra milling qualities. Produces heads, four to six inches long.

The straw, in spite of its length and the large head it must carry, **will not lodge.** Sow 1½ to 2 bushels per acre.

SILVER SHEAF LONGBERRY RED (Bearded)

It bears the **longest heads of any wheat** we know of and thrives under the roughest treatment. It may be sown very late in the fall under the most adverse conditions with every confidence of profitable crops to follow.

Our grower says that everything about Silver Sheaf Longberry Red is long. Long in the berry, long in the straw, very long bearded heads and long in the yield. The grain is hard and dark red, while the chaff is white. The straw is long and stiff. 1¼ to 1½ bushels per acre is all you need to sow.

LANCASTER-FULCASTER (Bearded)

A reselection from the old "Fulcaster" and one of the purest wheats now offered.

There are few other varieties that will do quite as well on soils of average quality. Farmers who are not able to raise even fair crops on rather thin soils should sow "Lancaster-Fulcaster." Even under adverse conditions this variety will produce a satisfactory crop of straw and a surprising crop of grain. Even on thin soils the grain will be of full size. The grain is of finest quality, a genuine long berry, dark red and hard. The chaff is white and the straw is long and stiff.

Lancaster-Fulcaster is a great favorite with millers on account of its splendid milling qualities. It will carry through extreme winters and withstands attacks of insect pests and disease better than any other variety. Sow 1½ to 2 bushels per acre.

RECLEANED TIMOTHY (New Crop)

Sow 8 quarts per acre with wheat, or ½ bushel alone for hay purposes. Our stock is especially fine and free from any foreign or weed seeds. 15c. per lb. Prices for larger quantity on application, as the market changes constantly.

MICHELL'S HIGH GRADE WHEAT FERTILIZER

Apply 500 to 600 lbs. per acre. This is rich in all the elements of plant food that wheat requires, and if used when sowing wheat, will help wonderfully to produce a big crop. 200 lbs., $3.25; $14.50 per ½ ton; ton, $28.00.

See pages 100 and 101 for other Fertilizers.

Silver Sheaf Longberry Red Wheat

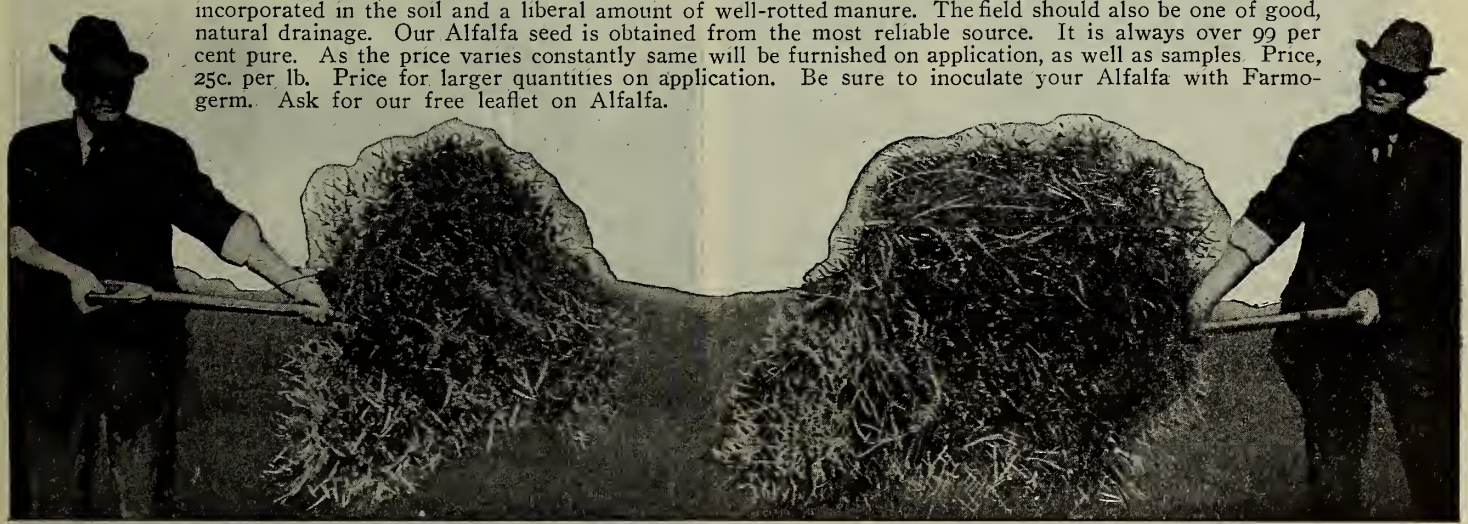
MICHELL'S RECLEANED ALFALFA

This crop is playing an important part on the American farms today. Those who in the beginning planted Alfalfa on a small scale are rapidly increasing their acreage thereof.

There is no other farm crop of the same nutritive qualities that we know of. One can cut three times a year, and this is possible most everywhere the second year after planting.

Stock of all kinds relish it, either green or in a cured state, and from an established field it is not uncommon to harvest an average crop of six tons per acre a season. The first year after sowing we advise not to cut more than once. After the second year, if it is desired to use the field for pasture, Alfalfa provides amply for this.

It may be sown either in May, August or September with good results. One-half bushel per acre is the amount required. At the approach of winter, of the season the seed is sown, endeavor to top dress the young Alfalfa with short, well-rotted manure (not too heavy a covering). This will encourage every growth the following spring, which will mean a liberal cutting in the autumn. In the preparation of the ground before seeding Alfalfa, care should be taken to thoroughly pulverize the soil. This should be followed with semi-weekly harrowings for 4 weeks before sowing. Be sure that there is plenty of lime incorporated in the soil and a liberal amount of well-rotted manure. The field should also be one of good, natural drainage. Our Alfalfa seed is obtained from the most reliable source. It is always over 99 per cent pure. As the price varies constantly same will be furnished on application, as well as samples. Price, 25c. per lb. Price for larger quantities on application. Be sure to inoculate your Alfalfa with Farmogerm. Ask for our free leaflet on Alfalfa.



ALFALFA FROM A WELL PREPARED SEED BED—NO INOCULATION ALFALFA FROM A WELL PREPARED SEED BED—INOCULATED

It will be seen that the yield of the latter is almost double that of the uninoculated seed

FARMOGERM

THE WONDERFUL FERTILIZER FOR LEGUMINOUS CROPS. ALFALFA AND OTHER LEGUMINOUS FARM CROPS WILL GROW MORE ABUNDANTLY

The growth of Alfalfa and other Clovers can be materially increased with the aid of Farmogerm, in fact, with the latter Alfalfa can be made to thrive where it might not grow otherwise. This bacteria renders plants capable of extracting from the air the equivalent of 1000 to 2000 lbs. of nitrates per acre. A descriptive pamphlet as to the method of using Farmogerm is free on application, and it will pay you to get a copy today. Bacteria can be used on various legumes, but it is necessary in ordering to state for what crop it is desired.

For Alfalfa use Bacteria No. 2, put up in ¼-acre size, 50c; $2.00 for 1-acre size; 5-acre size, $6.00. *(P. P. Wt., 3 lbs.)*

(hc)

Crimson Clover

CLOVERS

Alfalfa (see page 61)

Alsike or Swedish Clover (*Trifolium Hybridum*). One of the best for mixing with timothy; it is perfectly hardy in every climate or soil condition and seldom has to be reseeded. Under ordinary conditions it grows from 1 to 2 feet high, is sown early in the spring or late summer and early autumn. It is as nutritious as red clover and is rapidly coming to the front as a valuable farm crop. The flower resembles the white clover except that the head is larger and has a red tinge on the edge. Sow 10 to 15 lbs. per acre alone or 8 lbs. per acre with timothy. Price, 25c. lb. Price on larger quantity on application.

Bokhara or Sweet Clover (*Melilotus Alba*). While extensively used as a bee food, this is a valuable variety, for soiling (green manure). It grows from 3 to 5 feet high, according to soil and location; can be cut often as three times in a season if wanted for foliage. Sow 15 lbs. per acre in early spring, alone, or 10 lbs. per acre with other crops. We handle only the true white flowering hardy variety. Price, 40c. per lb.; 10 lbs., $3.50.

Crimson Clover (*Trifolium Incarnatum*). Delaware Grown Seed. This is used principally for soiling or green manuring, for which purposes it is highly valuable. If desired for feed, cut it just before it flowers. When desired for green manure it should be allowed to mature; its height is from 1 to 2 feet. Sow any time from April to October, the earlier the better, 20 lbs. to the acre. If sown in early spring it can be plowed down the first year, although no other crop can be raised on the field that season. Fall or late summer seeding makes it possible to use the field the following season. It is not hardy for more than one season and must be sown each year, flowers crimson. Price, 15c. per lb.; larger quantity prices on application.

Mammoth Red Clover (*Trifolium Pratense Perenne*). Sometimes called Sapling or Pea Vine Clover and English Cow Grass. This differs from the "Medium," being of a ranker growth and yielding more fodder per acre. It ripens somewhat later and is more hardy, lasting several seasons longer than the medium red clover. It also does well on poorer soils. The seed cannot be distinguished from the former. Our supply, however, is strictly reliable. Sow in early spring or in July and August, using 20 lbs. per acre alone or with other crops 10 lbs. per acre; flowers pink. It can be harvested several times in a season. 25c. per lb.; larger quantity prices on application.

Red Clover, Medium (*Trifolium Pratense*). More widely known and used than any other, used principally for hay purposes. Height from 18 inches to 2½ feet. Sow early in the spring or in late summer—July and August; if alone, 20 lbs. per acre; if with other crops, 10 lbs. per acre. A red clover field can usually be cut twice in a season. It is not hardy for a period of years, being usually resown every third season; flowers pink. Price, 25c. lb.; larger quantity price on application.

CLOVERS (*Continued*)

White Dutch or Lawn Clover (*Trifolium Repens*). This is valuable for pasturage; it succeeds where other clovers and grasses fail, and it seldom dies out. It can be sown at all seasons although early spring is best; flowers greenish white. Sow 10 to 12 lbs. per acre if alone or 5 lbs. if sown on old turf or with other crops. ¼ lb., 15c.; 60c. lb.; 5 lbs., $2.90; $5.50 for 10 lbs.; bu. (60 lbs.), $30.00; $50.00 per 100 lbs.

VIRGINIA GRAY WINTER OATS

Grown principally in the South, where they are hardy. They can be sown further North in the spring and produce good crops. 15c. qt.; peck, 40c.; $1.20 bushel.

DWARF ESSEX RAPE

For pasturing sheep and hogs. Sow 6 lbs. per acre broadcast. 15c. per lb.; 10 lbs., $1.00; $8.00 per 100 lbs.

WINTER RYE

Penna. Large White. Sow 1 to 1½ bushels per acre during fall. An excellent green food in spring, and may be used for turning under or harvesting. 10c. qt.; peck, 45c.; $1.50 per bus.

RECLEANED TIMOTHY

Our stock is of very best quality; for sowing among wheat as a second-year hay crop or for sowing alone for a first-year hay crop this is extensively used. Sow ½ bu. per acre alone or 6 to 8 qts. with wheat. 15c. lb. Write for price on larger quantity.

WINTER VETCH (Vicia Villosa)

True Sand or Hairy Vetch

Our stock of this is the true type, being imported by us direct from Russia and which will absolutely live throughout the winter. There is also an English strain on the market which is not hardy in the Northern sections of the United States, and buyers should beware when buying that they procure the right article, which is a small round black seed; this is far superior to Crimson Clover, as it never winter-kills. Sow from August 1st to October 1st, but the earlier the better, broadcast, 1 bushel per acre, to which we suggest adding a bushel of winter rye or wheat. In the spring it can be plowed in as green manure, or when in flower cut for hay. All stock relish it keenly. 25c. lb. Price for larger quantities on application.

Carnation Enchantress

FIELD GROWN CARNATION PLANTS

For winter blooming in conservatory and greenhouse. Our carnation plants are grown at our own nurseries, and will give immediate results indoors. Ready about September 1st.

Single plants can be mailed at prices quoted, plus 10c. each for postage.

	Each	Doz.	100
Beacon. Bright red	$0.25	$2.50	$15.00
Christmas Cheer. Poinsettia red (for house pot culture). Fine large specimens	.35	3.50	25.00
Enchantress. Soft pink	.25	2.50	15.00
Enchantress Supreme. Deep pink	.25	2.50	15.00
Eureka. Scarlet; very fine	.25	2.50	15.00
Gloria. Silver pink	.25	2.50	15.00
Gorgeous. Glowing crimson	.25	2.50	15.00
Matchless. Pure white	.25	2.50	15.00
May Day. Pink	.25	2.50	15.00
Mrs. C. W. Ward. Deep pink	.25	2.50	15.00
Philadelphia. Rose pink	.25	2.50	15.00
Princess Dagmar. Crimson	.25	2.50	15.00
Rosette. Dark pink	.25	2.50	15.00
White Enchantress. Pure white	.25	2.50	15.00
White Winsor. Pure white	.25	2.50	15.00
Winsor. Clear rose	.25	2.50	15.00

A Cyclamen Flower

CYCLAMEN PLANTS

Our choice giant flowering strain, produced from our own seeds in our greenhouses. We supply these in white, white and pink eye, crimson, salmon pink and rose.

4-in. pots, 35c. each; doz., $3.75; $27.00 per 100.

5-in. pots, 50c. each; doz., $5.50; $42.50 per 100.

Princess of Wales Violet

FIELD GROWN VIOLET CLUMPS

Orders Booked Now

(Ready September 15th)

These extra fine plants will flower freely under glass in winter or in cold frames and outdoors in the early spring. Single plants can be mailed at prices quoted, plus 10c. each for postage.

Double Russian. Deep blue (hardy).
Lady Hume Campbell. Double, light blue.
Luxonne. Large single blue.
Princess of Wales. Single blue.

Prices for any of the above extra large plants, 20c. each (by mail, 30c.); $1.75 per doz.; per 100, $12.00.

Our Violets are extra large field grown clumps and are worth many times more than small plants at low prices.

MICHELL'S HARDY PERENNIALS FOR AUTUMN PLANTING

Fall is one of the best times for setting out perennial plants; they invariably establish themselves quickly and more permanently than when put out in the spring, at which time the season is shorter, a greater rush exists, and the weather frequently gets hot before they have made any growth in their new environment. Autumn planting frequently means a year's difference in results obtained the following spring, and they are usually more gratifying than from spring-set plants.

SHIPPING SEASON RANGES FROM SEPTEMBER TO NOVEMBER 15

SPECIAL NOTICE—We have just compiled, at great expense, a publication, entitled **"Hardy Perennials, and How to Grow Them."** A copy is yours for the asking.

Achillea (Sneezewort)

A graceful plant with finely cut foliage. Flowers are fine for cutting; flowering the entire summer.

Boule de Neige (*Ball of Snow*). An improvement on The Pearl; flower pure white; 2½ feet high.

Eupatorium. Brilliant yellow; 4 to 5 ft.

Millefolium Cerise Queen. Rich amaranth. An attractive combination when massed with the white variety; 18 ins. high; red.

Ptarmica Plena, The Pearl. Flowers the entire summer on strong, erect stems 2 feet high; of the purest white.

Price of any of the above, 15c. each; doz., $1.50; $10.00 per 100.

Aconitum (Monkshood or Helmet Flower)

Bushy plants, blooming in clusters of beautiful helmet-shaped flowers from late summer till frost. Well adapted for shade.

Autumnale. Deep purplish blue, flowers in September; 3 feet.

Fischeri.. Grows 18 inches high, yielding pale blue flowers.

Napellus. Large flowers, dark blue; August and September; 3 to 4 feet.

Napellus Albus. A white flowered form of the above; 3 to 4 feet.

Napellus Bicolor. Dark blue and white flowers; 3 to 4 feet.

Wilsoni. A variety from Northern China, growing 6 feet high; pale violet blue; flowers in September.

Price of Aconitums, 25c. each; doz., $2.50; $15.00 per 100.

Aegopodium (Bishop's Weed)

Podagraria Variegata. Green and yellow variegated foliage; 1 foot high. 15c. each; doz., $1.50; $10.00 per 100.

Aetheopappus (New)

Pulcherrimus. The flowers, resembling Giant Cornflowers, are of a dazzling pink. Splendid for cutting; July; 2½ feet high. 25c. each; doz., $2.50; $15.00 per 100.

Agrostemma (Rose Campion)

Coronaria (*Mullein Pink*). Tufts of silvery foliage throwing up many silver-lined stems 2 feet high, with bright single crimson flowers during June. 15c. each; doz., $1.50; $10.00 per 100.

Alyssum (Gold Dust or Basket of Gold)

Splendid edging plants. Ideal for rockery or special flower garden work; 1 ft. high.

Rostratum. Bright golden yellow.

Saxatile Compactum. Deep golden yellow.

Price of Alyssums, 15c. each; doz., $1.50; $10.00 per 100.

Adenophora

Potanini. Handsome bell-shaped blue flowers; borne on branching spikes. 15c. each; doz., $1.50; $10.00 per 100.

Anchusa Italica (See Bugloss)

Dropmore Variety. Plants grow 4 feet high in pyramidal shape; branch freely and are overloaded with bright blue forget-me-not-like flowers from June 15th till late in fall; very showy and valuable.

Myosotidaeflora (New). Dwarf variety; 12 to 15 inches high; covered in April and May with masses of bright blue forget-me-not-shaped flowers.

Opal. Similar to the above variety, with large pale blue flowers; from May to July. Any of the above Anchusas, 25c. each; doz., $2.50; $15.00 per 100.

Anemone Japonica (Windflower)

As a last greeting of autumn these gay flowers appear in wondrous brilliancy and produce a wealth of bloom just before nature clothes the earth with a mantle of frost.

Plants vary from 2 to 3 feet high, and are ideal for cutting; flowers in cup form appear some time in August and remain till frost. Plants require winter protection with leaves, straw or long manure, but amply repay one for the extra trouble taken to care for them. Our stock is unusually fine.

Alba. Large, pure white; 3 to 4 feet.

Alice. While we have some good sorts in white and lavender pink, there never has been a real pink until this variety was placed on the market. The shade is brilliant, which looms up in the garden; it may be used for splendid effect as a cut flower; height, 15 inches. 25c. each; doz., $2.50; $15.00 per 100.

Coupe d'Argent. An erect growing, free-flowering variety with large double white flowers; 3 feet. 25c. each; doz., $2.50; $15.00 per 100.

Enchantment (New). A beautiful new sort. The large flowers are double, cream-white; back of petals shaded pink, which makes it an excellent combination; 2½ feet. 35c. each; doz., $3.50; $25.00 per 100.

Kriemhilde. Semi-double, very large, lovely rose pink flowers; fine for cutting. 25c. each; doz., $2.50.

Lord Ardilaun. Pure white flowers borne on long stiff stems; a veritable gem for cutting.

Prince Henry. Deep rich pink double flowers, perfect form.

Queen Charlotte. Semi-double flowers of a rich pink shade; one of the finest.

Rubra. Rich rosy red, 3 to 4 feet.

Whirlwind. Large semi-double, pure white.

Price of Anemones, except where noted, 15c. each; doz., $1.50; $10.00 per 100.

Anthemis (Marguerite)

Tinctoria. One of the most satisfactory perennials. Grows well in any soil; large daisy-like golden yellow flowers. 15c. each; doz., $1.50; $10.00 per 100.

Aquilegia Chrysantha

Aquilegia

For spring flowers these are invaluable, producing their graceful spurred flowers on stems rising 2 feet over their elegant foliage during May and June. For rockery gardens, semi-shaded places, in hardy borders or planted in clumps, they look effective, a variety of them making a beautiful attraction.

Canadensis. Bright red and yellow.

Chrysantha. Bright yellow, long flowers.

Glandulosa Vera. Dwarf, compact; 1 ft. high; blue and white flowers; short spur.

Haylodgensis. Satiny rose, long spurred; a splendid new sort. 25c. each; doz., $2.50; $15.00 per 100.

Nivea Grandiflora. Pure white; long spurred.

Rose Queen. A newer variety of a pleasing shade of delicate pink, long spurred flowers.

Erskine Park Hybrids (Mixed Colors). A grand mixture of finest varieties, including every color in Columbines.

Price of Aquilegias, except where noted, 15c. each; doz., $1.50; 100, $10.00.

Plants ship best by express or freight. None C. O. D.

Arabis (Rock Cress)

Dwarf bushy plants six inches high; ideal for rockeries and borders. It remains in flower a long while, commencing in April, presenting a perfect carpet of bloom.

Alpina. Single snowy-white flowers. 15c. each; doz., $1.50; $10.00 per 100.

Alpina Fl. Pl. Double white, very showy. 25c. each; doz., $2.50; $18.00 per 100.

Artemisia Lactiflora

Artemisia

Abrotanum (*Old Man*). Dark green foliage, which has a pleasant aromatic odor.

Lactiflora. An excellent perennial with flower stems 3 to 4 feet long, covered with creamy white flowers. A planting of these mingled with colored perennials makes a grand sight; blooms continuously from August until late September. 25c. each; doz., $2.50; per 100, $15.00.

Pedemontana. Very ornamental variety, with finely cut silvery foliage; 2 feet high.

Stelleriana (*Old Woman*). Silvery foliage; extensively used for carpet bedding; 18 inches.

Price of Artemisias, except where noted, 15c. each; doz., $1.50; $10.00 per 100.

Asclepias (Butterfly Weed)

Incarnata (*Swamp Milkweed*). Very showy border plant; 2½ feet high; rose pink flowers in July and August.

Tuberosa. A showy plant, 2 feet high, with large heads or clusters of orange flowers blooming in July and August. The bright color is quite a contrast to white and other flowers when planted in the hardy border; fine for cutting.

Price of Asclepias, 15c. each; doz., $1.50; $10.00 per 100.

Hardy Aster—Perry's Pink

Hardy Aster (Michaelmas Daisy)

Tall-flowering, stately plants, which may be used with splendid effect in borders and as specimens in lawns, in large groups or beds. It forms the basis of a color scheme in a perennial border during the months of September and October and often lasts well into November. The rich shades of blue and purple blend harmoniously with most any surrounding. They thrive equally well in sun or partial shade. For cutting they are invaluable. The wide range of color makes this one of our finest summer and autumn flowering perennials.

Amellus, Perry's Pink. A pleasing bright pink; one of the best in this color; September. 25c. each; doz., $2.50.

Abendrote (*Evening Glow*). A very choice variety; 2½ feet high, with rosy red flowers. 25c. each; doz., $2.50.

Beauty of Colwall. A grand double-flowering type of a beautiful lavender shade; height, about 4 feet; September. 25c. each; doz., $2.50.

Climax (*New*).

Feltham Blue. One of the most decorative blue varieties; 2½ feet. 25c. each; doz., $2.50.

Grandiflorus (*New*). One of the finest, quite distinct from all others. The flowers are of a beautiful dark violet color, often measuring 2 inches in diameter; October-November; 2½ feet. 35c. each; doz., $3.50; $25.00 per 100.

Photograph (*New*). A very valuable variety; excellent for cutting; 2½ ft; flowers white, shaded lavender. 25c. each; doz., $2.50.

Ptarmacoides Major. Pure white, large flowering; 2 feet high; August-September.

Robert Parker. Fine lavender blue, with yellow centre; very tall; September.

St. Egwin. Densely branched, producing beautiful pink flowers; 3 feet; September. 25c. each; doz., $2.50.

Hardy Aster—*Continued*

Sub-Coeruleus. A dense growing variety, producing a multitude of flowers in June and July; 2½ to 3 inches in diameter, on stems about 18 inches; a fine cut-flower sort.

White Queen. Tall growing, pure white, very fine; 4 ft. high; Sept.-Oct.

Price of the above Asters (except where noted), 15c. each; doz., $1.50; $10.00 per 100.

Astilbe Arendsi

The plants of this new Spiraea type are of vigorous growth; 2½ to 3 feet high, producing branched feathered heads of flowers in June and July. They prefer a half shaded location in any ordinary garden soil.

Ceres. Brilliant lilac rose.

Davidii. The stems, which are 5 to 6 ft. high, are crowned with feathery plumes of deep rose violet flowers; June-July. 25c. each; doz., $2.50; $15.00 per 100.

Grandis. The panicles of white flowers are frequently 2½ feet long; very attractive; fine foliage; blooms July-August.

Juno. Vigorous grower, with plumes of a deep violet color.

Salmon Queen. Graceful plumes of a beautiful salmon pink.

Venus. Plumes are of a brilliant purplish pink color; charming new variety.

Vesta. Light lilac rose plumes; free-flowering.

Price of the above Astilbes, except where noted, 35c. each; doz., $3.50; per 100, $25.00.

Aubrietia (Wall Cress)

A suitable plant for rock gardens; the broad mass of light green foliage is covered with a sheen of flowers in spring and summer; 6 inches high.

Bougainvillei. Very showy, purple flowers.

Graeca. Deep purple.

Price of the above, 15c. each; doz., $1.50; $10.00 per 100.

Baptisia (False Indigo)

Australis. A robust growing plant, suitable for the border or wild garden. Foliage is dark green, deeply cut; the flowers are dark blue, borne on spikes, in June and July; 2 feet high. 15c. each; doz., $1.50; $10.00 per 100.

Boltonia (False Chamomile)

Tall-growing, showy plants, with hardy aster-like flowers appearing in September; 5 to 7 feet.

Asteroides. Pure white; 5 to 6 feet.

Latisquama. Pink, tinted lavender; 6 feet.

Latisquama Nana. Pink, tinted lavender; 2 feet high.

The above, 15c. each; doz., $1.50; $10.00 per 100.

Calimeris (Starwort)

Incisa. Attractive border plant, growing from 1 to 1½ foot high. The daisylike flowers are of a delicate lavender shade, with a yellow centre; blooms from July to September. 25c. each; doz., $2.50; $15.00 per 100.

Callirhoe (Poppy Mallow)

Involucrata. Of dwarf trailing habit; large crimson flowers with white centre, much resembling a giant mallow or Hibiscus; blooms all summer until late in fall. 15c. each; doz., $1.50; $10.00 per 100.

MICHELL'S HARDY PERENNIAL PLANTS

Campanula Persicifolia

Campanula (Bell Flower)

Showy perennial plants of special merit; some are tall, suitable for borders; others are dwarf, for rockeries and edging. In every well-ordered hardy garden Campanulas should have a prominent place. They delight in a good rich loam, preferring a semi-shaded place. The taller varieties should be carefully staked, to prevent them from being broken during windstorms. If the flowers of Campanulas are cut as they fade, it greatly prolongs the blooming period.

Alliariaefolia. Graceful stems of white flowers, blooming in July; 3 feet high.

Carpatica (*Carpathian Hare Bell*). Very dwarf and shrubby; ideal for border or rockery planting, being about 8 inches high; flowers from June till frost. Blue and White, each separate.

Pyramidalis (*Chimney Bell Flower*). A striking variety, pyramidal-shaped plant; the stalk, 4 to 6 feet high, is completely covered with flowers in June and July. Blue and white, each separate, 25c. each; doz., $2.50; $15.00 per 100.

Persicifolia (*Peach Bell*). Extremely hardy, making a splendid show in June, July and August. The stately spikes are tall, often 3 feet high, and present a grand appearance. The flowers are upright and bell shaped; irregular edge.

Alba (*Persicifolia*). Pure white. $1.50 doz.

Coerulea (*Persicifolia*). Light blue.

Moerheimi (*Persicifolia*). Pure white; semi-double. 25c. each; doz., $2.50; $15.00 per 100.

Trachelium (*Coventry Bells*). Purple flowers June and July; 3 feet high.

Price of any of the above Campanulas (except where noted), 15c. each; doz., $1.50; $10.00 per 100.

Cassia (American Senna)

Marilandica. A desirable perennial yielding enormous sprays of oddly formed flowers, bright yellow; the foliage is also showy; 3 to 4 ft.; July and August. 15c. each; doz., $1.50; $10.00 per 100.

Catananche (Cupid's Dart)

The flowers, which are splendid for cutting, resemble somewhat the Cornflower, blooming during July and August.

Bicolor. Blue and white; 2 feet high.

Coerulea. Bright blue; 2 ft. The above, 15c. each; doz., $1.50; $10.00 per 100.

Centaurea (Perennial Cornflower)

Fine border plants, producing flowers suitable for cutting; these are quite large and a bunch makes an attractive display; 2 feet high; July-September.

Dealbata. Bright rose; 18 inches high.

Macrocephala. Golden yellow.

Montana. Rich violet blue.

Montana Alba. Pure white.

The above 15c. each; doz., $1.50; $10.00 per 100.

Caryopteris (Blue Spiraea)

Mastacanthus. Rich lavender blue flowers; fine for cutting; 3 feet high; August-September. 15c. each; doz., $1.50; $10.00 per 100.

Cedronella (Balm of Gilead)

Cana. Long spikes of purple, salvia-like flowers, with highly scented foliage; 2½ feet high; July to September. 15c. each; doz., $1.50; $10.00 per 100.

Cephalaria (Ronndheads)

Alpina. A rare, tall growing plant, 6 feet high, bearing in July and August; delicate sulphur yellow flowers. 25c. each; doz., $2.50; $15.00 per 100.

Chamaepeuce (Blessed Thistle)

Diacantha. Thistle-like, crimson flowers; 2½ feet high; August and September. 15c each; doz., $1.50; $10.00 per 100.

Chelone (Shell Flower)

Handsome Border plants; 2 feet high; bearing numerous spikes of large flower heads during summer and autumn.

Glabra Alba. Cream white.

Lyoni. Soft pink.

Price of Chelones, 25c. each; doz., $2.50; $15.00 per 100.

Clematis (Shrubby)

This type deserves a place in every garden. They form erect bushes, 2½ to 3 feet high, with very attractive flowers.

Davidiana. Bell shaped, deep blue flowers; Aug.-Sept. 15c. each; doz., $1.50; $10.00 per 100.

Recta. Pure white; June-July. 25c. each; doz., $2.50; $15.00 per 100.

Chrysanthemum

Arcticum (*Arctic Daisy*). This hardy perennial is a native of Alaska. It is very attractive, having pretty dark green foliage, and in September multitudes of pure white flowers, 2 to 2½ inches across, make their appearance and continue on through October-November. 25c. each; $2.50 doz.; per 100, $15.00.

Maximum Vemorense. This variety has done exceptionally well with us in our Nurseries. The flowers are single, borne on stems 18 in. long and often measuring 3 in. in diameter; pure white; July to September. 25c. each; $2.50 doz.; per 100, $15.00.

Cimicifuga (Snake Root)

Simplex. A very handsome late flowering variety. The stems, which are about 2½ feet long, are terminated with spikes of pure white flowers. 35c. each; doz., $3.50; $25.00 per 100.

Delphiniums (Hardy Larkspnr)

The hardy larkspur succeeds well under the most trying conditions, flowering continuously from June till frost.

Bella Donna. The most continuous blooming of all; clear turquoise-blue flowers. 25c. each; doz., $2.50; $15.00 per 100.

Capri. A new beautiful variety of the Belladonna type. The banded flower stalks are covered with large flowers of a clear sky-blue color, with a yellowish centre. 40c. each; doz., $4.00.

Chinense Azureum. Two feet tall, and branch freely; color, a deep clear blue. 15c. each; doz., $1.50; $10.00 per 100.

Chinense Album. Same as above in white. 15c. each; doz., $1.50; $10.00 per 100.

Formosum. Dark blue, white centre, spikes 3 to 4 feet tall, vigorous. 15c. each; doz., $1.50; $10.00 per 100.

Formosum Coelestinum. Heavenly blue, immense flower spikes. 15c. each; doz., $1.50; $10.00 per 100.

Hessen. The color is most intense sky blue; the individual flowers are very large and produced in greatest profusion. 40c. each; doz., $4.00.

Johannisberg. Semi-double; sky blue with pink sheen; flower spikes are very tall and ornamental. 40c. each; doz., $4.00.

Libelle. Large-flowering; sky blue, shaded rose, with dark centre. 40c. each; doz., $4.00.

Moerheimi (*New*). The first real pure white Delphinium. The slender graceful spikes attain a height of 3½ feet. 40c. each; doz., $4.00.

Mrs. Thompson. The long erect branching spikes are covered with beautiful, distinct clear blue flowers. Continuous bloomer. 30c. each; doz., $3.00.

Niederwald. Azure blue, shaded pink, with black centre. The individual flowers are very large; free bloomer. 75c. each.

Delphinium—Belladonna (See top of page)

Dianthus

Dianthus (Garden Pinks)

They are brilliantly colored flowers, which appear in great numbers on the plant, and have a rich clove scent. For table bowls, as a cut flower, they are much in use. For edging hardy borders, garden walks, or planted in rock gardens, they fill an important place. They are at their height of bloom in June.

Deltioides (*Maiden Pink*). A continuous flowering variety with pink flowers. Especially suited for rock work.

Lactifolius Atrococcineus Fl. Pl. (*Everblooming Hybrid Sweet William*). A splendid variety with brilliant crimson double flowers. Flowers continuously during the entire season.

Each of the above 15c. each; doz., $1.50; $10.00 per 100.

Dictamnus (Gas Plant)

One of the hardiest of all perennials, which often will last for a generation and longer. The foliage is fragrant, while the spikes of rather oddly shaped flowers emit a luminous vapor, which is said to be inflammable. Height about 2 feet, flowering in June and July.

Caucasicus. A gigantic form, with rose pink flowers of very large size. 25c. each; doz., $2.50; $15.00 per 100.

Fraxinella. Rose pink flowers with dark veins.

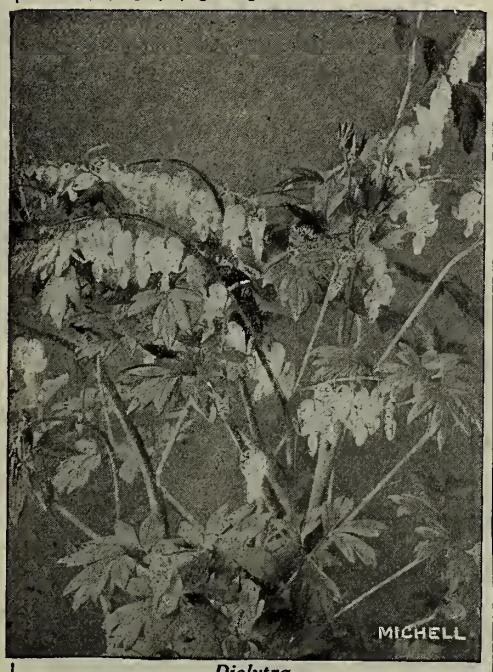
Fraxinella Alba. Pure white.

Each of the above, except where noted, 15c. each; doz., $1.50; $10.00 per 100.

Doronicum (Leopard's Bane)

This flowers very early in the spring; about 2 feet high. Is most effective when planted in masses. The plants can be taken up in the fall if desired (although they are perfectly hardy) and be made to bloom indoors. It is a fine cut flower, closing towards the end of the day and opening up each morning. Flowers June and July.

Excelsum. Rich orange yellow daisy-like flowers; 3 to 4 inches across. 25c. each; doz., $2.50; $15.00 per 100.



Dielytra

Dielytra (Bleeding Heart)

Spectabilis. One of the most beautiful border and shrubbery plants, with graceful, fern-like foliage and attractive heart-shaped pink and white flowers appearing in April. Large roots, 20c. each; doz., $2.00; $15.00 per 100.

Echinops (Globe Thistle)

The flower heads are globe shaped, of a thistle-like nature. When cut it remains in a preserved state for a long while. Flowers from July to September.

Sphaerocephalus. Large white flowers; fine for a background; 5 to 6 feet tall. 25c. each; doz., $2.50; $15.00 per 100.

Edelweiss (Gnaphalium)

This is the favorite Alpine plant of the Swiss Mountains, and is found growing in abundance everywhere on the Alps. The plant is a dwarf, about 4 inches high, with gray foliage, which lies close to the ground, is surmounted with stalks of grayish white, fuzzy flowers of a trilobed appearance. The flowers may be cut as an everlasting, and they will keep indefinitely. This is a splendid plant for a rock garden. 25c. each; doz., $2.50; $15.00 per 100.

Eryngium (Sea Holly)

An ornamental plant, 2 to 3 feet high. Especially valuable for shaded locations or wild garden effects. The flower may be cut and dried for winter bouquets; July-September.

Planum. Light blue. 25c. each; doz., $2.50; $15.00 per 100.

Epimedium (Bishop's Hat)

Dwarf plants, 8 to 10 inches high, with leathery foliage and panicles of small orchid-like flowers. They do well in semi-shade; April-May.

Alpinum. Reddish violet.

Bicolor. Red and yellow.

Niveum. Pure white.

Sulphureum. Sulphur-yellow.

Price of Epimediums, 25c. each; doz., $2.50; $15.00 per 100.

Erigeron (Flea Bane)

Glabelius. Handsome light blue flowers on stems about 15 to 18 inches long; June to August.

Grandiflorus Elatior. Large, bluish lilac flowers with yellow disc; 18 inches; June-July.

Intermedium. Daisy-like light pink flowers; all summer; 2 feet. 25c. each; doz., $2.50; $15.00 per 100.

Price of Erigerons, except where noted, 15c. each; doz., $1.50; 100, $10.00.

Erinus

Alpinus Carmineus. A charming Alpine plant; grows in the crevices of rocks or walks; producing dainty sprays of rose-colored flowers. 15c. each; doz., $1.50; $10.00 per 100.

Eupatorium

This is an effective plant, which produces fuzz-like flower heads, much resembling Ageratum. Appearing from August till frost. It is fine for cutting.

Ageratoides (*White Snakeroot*). Pure white, 3 to 5 feet, flowering in August and September; a fine native plant.

Coelestinum. Light blue, flowering in August; 18 to 24 inches.

The above 15c. each; doz., $1.50; $10.00 per 100.

Hardy Ferns

Many persons are perplexed to know what is best suited for planting in densely shaded borders, particularly around porches. Nothing in the world produces such a permanent and satisfactory effect as Ferns. The graceful plants grow on an average from 1 to 2 feet high, according to the variety, and the clumps increase in size and beauty each year. They require absolutely no attention after they are planted.

Adiantum Pedatum (*Hardy Maiden Hair Fern*). 12 inches.

Aspidium Acrostichoides (*Wood Fern*). Height, 15 inches.

Aspidium Cristatum (*Crested Fern*). 15 to 18 inches.

Aspidium Marginale (*Evergreen Wood Fern*). 12 to 24 inches.

Asplenium Thelypteris. 15 to 18 inches.

Polystichum Vulgare. 15 to 18 inches.

Lastrea Dilitata. Height, 24 inches.

Onoclea Sensibilis (*Sensitive Fern*). 12 to 15 inches.

Onoclea Struthiopteris (*Ostrich Fern*).

Osmundi Claytonia (*Flowering Fern*). Height, 24 inches.

Osmundi Gracilis. 24 to 30 inches.

Osmundi Cinnamonae (*Cinnamon Fern*). 24 to 36 inches.

Osmundi Regalis (*Royal Fern*). Height, 24 inches.

Scolopendrium Vulgaris. Beautiful crested fronds. 12 inches.

Extra strong plants of any of the above, 25c. each; doz., $2.50; 100, $15.00.

Funkia

Funkia (Plantain or Day Lily)

These attractive plants make fine effects. Nothing is more handsome in a garden border or a hardy bed edged with the dwarf green and a variegated foliage of the Media Picta variety. If you have a shaded spot which you want to make real attractive, plant some Funkias.

Coerulea. Dark green foliage, with light blue flowers.

Minor Alba. Dwarf growing variety with white flowers. 12 inches.

Subcordata Grandiflora. This is a large loose-growing variety, with large, light blue flowers and broad foliage.

Undulata Media Picta. Green foliage, with distinct white markings. Lavender blue flowers. This is the best of the edging varieties.

The above, 15c. each; doz., $1.50; $10.00 per 100.

Gaillardia (Blanket Flower)

One of the most useful of the hardy flowers. When planted in clumps, beautiful flowers are borne in profusion and make a striking effect. They last a long while as a cut flower, and are abundant from June until frost. Height, about 2 ft.

Grandiflora. Dark brown centre, petals on the outer edge are yellow, and the centre is surrounded with a rich orange disk. 15c. each; doz., $1.50; 100, $10.00.

Galega (Goat's Rue)

The flowers, which resemble a pea blossom, are borne on long racemes in great abundance. It flowers from July until September; height, 2 feet.

Hartlandii. The best of the Galegas. Large, handsome blue and white flowers and variegated foliage. 15c. each; doz., $1.50; $10.00 per 100.

Geranium (Crane's Bill)

Good summer flowering plant, suitable for rockeries. Perfectly hardy, thriving in almost any soil.

Fremonti. Rosy purple; 2 feet.

Grandiflora. Large violet blue; 1 foot.

Platypetalum. Large, rosy purple flowers; 18 inches.

Sanguineum. Bright crimson; 18 inches.

The above, 15c. each; doz., $1.50; $10.00 per 100.

Geum (Avens)

Bright, showy flowers, which appear in great abundance in the early summer and fall, growing about 18 inches high. Attractive in border plantings.

Coccineum. Brilliant rich scarlet. 15c. each; doz., $1.50; $10.00 per 100.

Mrs. Bradshaw (*New*). Double, bright scarlet; 18 inches. 25c. each; doz., $2.50; $10.00 per 100.

Ornamental Grasses

The generous beautiful effect produced by the hardy Grasses is hard to describe. Plantings must be seen to be appreciated. The best results are attained if planted as individual specimens on the lawn or in large beds. They should not be placed in conjunction with other perennials, being a class by themselves. A variety of sorts planted together, in accordance with the height, makes the best show, in fact, better than planting of one kind placed alone.

Arundo Donax (*Giant Reed*). Tall variety with bluish-green foliage, frequently attaining a height of 20 feet.

Arundo Donax (*Fol. Varieg.*). This variety of Giant Reed has variegated foliage.

Elymus Glaucus. A handsome grass, with narrow glaucous silvery foliage; 2 ft.

Erianthus Ravennae (*Plume Grass or Hardy Pampas*). Deep green narrow foliage, growing about 10 feet high.

Eulalia Gracillima Univittata (*Japan Rush*). Graceful narrow foliage, growing 5 to 6 feet high. Bright green with a silvery rib.

Eulalia Japonica. The original type, with green leaves. Very strong grower. 15c. each; doz., $1.50; $10.00 per 100.

Eulalia Japonica Variegata. An attractive kind with a variation of markings of white, green, sometimes light pink and yellow; 4 to 5 feet high.

Eulalia Japonica Zebrina. Dark green foliage, is crossmarked horizontally a golden yellow. It is one of the best of hardy Grasses for effect. 4 to 5 feet high.

Gynerium Argenteum (*Pampas Grass*). This variety in severe climates requires light protection in winter. The silvery flower plumes are indeed handsome. It varies in height from 7 to 10 feet.

Phalaris Arundinacea Variegata (*Variegated Ribbon Grass or Gardener's Garter*). This sort is especially suited for edging taller varieties, as it grows somewhat dwarf. The foliage is somewhat broad, variegated white and green. 15c. each; doz., $1.50; $10.00 per 100.

Pennisetum Japonicum (*Hardy Fountain Grass*). One of the most valuable hardy Grasses, either for beds, mixed borders or as individual specimens. Height, 4 feet. 15c. each; doz., $1.50; $10.00 per 100.

Price of any of the above Hardy Grasses (except where noted), 25c. each; doz., $2.50; $15.00 per 100.

Gypsophila (Baby's Breath)

During August and September it is a mass of delicate flowers. These may be used as fresh cut flowers, also for a semi-everlasting effect. They keep perfectly for months without water.

Cerastioides. White flowers, marked pink; 3 inches. 15c. each; doz., $1.50; $10.00 per 100.

Paniculata. Feathery sprays of white flowers; useful for mist-like effects in bouquets. 15c. each; doz., $1.50; $10.00 per 100.

Paniculata flore pleno. This handsome variety produces pretty double pure white flowers. Splendid for bouquets. 25c. each; doz., $2.50; $15.00 per 100.

Helenium (Sneezewort)

These desirable perennials succeed in almost any soil in a sunny location. The flowers are splendid for cutting.

Autumnale Rubrum. Bright terra-cotta red; 5 feet. 25c. each; doz., $2.50; $15.00 per 100.

Autumnale Superbum. Massive spreading heads of deep golden yellow flowers; August-October; 5 feet.

Cupreum. Orange crimson; 2 feet.

Grandicephalum Striatum. Deep yellow flowers striped and splashed crimson; July and August; 5 feet high.

Hoopesi. Orange yellow; large flowers often 2½ inches across; June-July; 2 feet.

Pumilum Magnificum. Golden yellow, with large and perfectly formed flowers; very free; July-August; 18 inches.

Riverton Beauty. Rich lemon-yellow with dark purple cone; 4 feet; August. 25c. each; doz., $2.50; $15.00 per 100.

Price of Heleniums (except where noted), 15c. each; doz., $1.50; $10.00 per 100.

Helianthus (Hardy Sunflower)

Very effective either in borders, among shrubbery or as clumps on the lawn, etc. They produce masses of flowers during summer until frost, which are splendid for cutting and decorative purposes.

Multiflorus fl. pl. Large, double golden yellow; July-August; 4 feet.

Orgyalis. Golden yellow; small flowered; long, narrow foliage; September; 5 ft.

Price of above Helianthus, 15c. each; doz., $1.50; $10.00 per 100.

Heliopsis (Orange Sunflower)

Pitcheriana. Very similar to a small sunflower, but flowering earlier; deep golden yellow. June till frost; 3 feet high.

Pitcheriana Semi-plena. A semi-double form of above.

Price of Heliopsis, 15c. each; doz., $1.50; $10.00 per 100.

Helleborus (Christmas Rose)

They flower when practically nothing is in bloom outdoors, actually thrusting their beautiful blossoms through the snow. They succeed almost everywhere, but prefer a sheltered, shaded location. Height, 8 to 10 inches.

Niger. Pure white. The best of all Hellebores varieties. 35c. each; doz., $3.50.

Hemerocallis

Hemerocallis (Yellow Day Lily)

Lily-like plant, which flowers in greatest profusion during the summer.

Dr. Regal. One of the finest of the late flowering sorts, producing beautiful rich apricot-colored flowers; 2½ feet. 25c. each; doz., $2.50; $15.00 per 100.

Dumortieri. Very dwarf, flowering in June; earlier than most other sorts of the better class. Rich yellow flowers, bronze shaded on the back of petals. 20c. each; doz., $2.00; $12.50 per 100.

Flava. Light yellow flowers, very fragrant; June and July; 3 feet. 15c. each; doz., $1.50; $10.00 per 100.

Fulva. Trumpet-shaped flowers, orange colored shaded darker, blooms in June and July; 4 to 5 feet. 15c. each; doz., $1.50; $10.00 per 100.

Kwanso Flore Pleno (*Double*). Coppery red; July; 3 feet high. 15c. each; doz., $1.50; $10.00 per 100.

Sovereign. Chrome yellow flowers, sometimes 6 to 9 on a stem; very handsome; 2½ feet high. 35c. each; doz., $3.50; $25.00 per 100.

Hepatica (Liver Leaf)

Triloba. An interesting spring flowering plant, with pretty foliage and beautiful blue flowers. 15c. each; doz., $1.50; $10.00 per 100.

Heuchera (Alum Root)

Desirable dwarf plant of easy culture. Foliage remains close to the ground. During July and August the graceful thin flower-spikes, 2 feet high, appear in profusion.

Rosea. Light rose; 2 feet.

Sanguinea. Bright scarlet.

Sanguinea Alba. Creamy white; 2 feet.

Price of any of the above, 20c. each; doz., $2.00; $12.50 per 100.

Hesperis (Rocket)

Matronalis. Bushy plants; 3 to 4 feet high, with showy spikes of pink flowers during June and July. 15c. each; doz., $1.50; $10.00 per 100.

Hieracium (Hawkweed)

Aurantiacum. Splendid for rockeries; deep orange; 12 to 18 inches. 15c. each; doz., $1.50; $10.00 per 100.

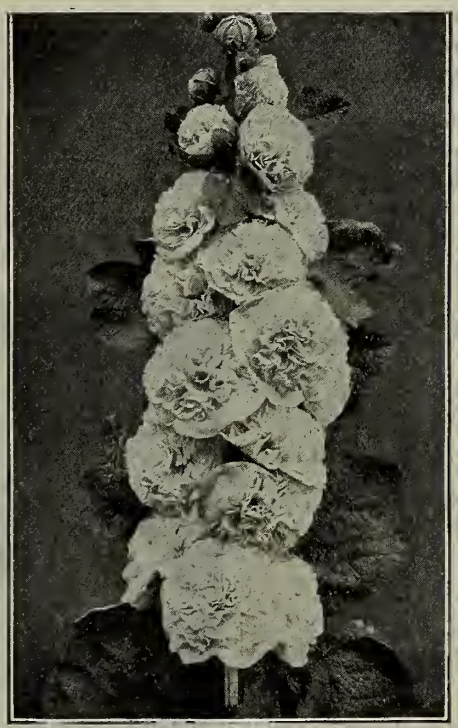
Hibiscus (Mallow)

Crimson Eye. Immense blooms of purest white with deep crimson eye. July; 4 feet.

Meehani (*Marvel Mallows*). Fast growing plant, flowering continuously from July until frost; 5 feet. 25c. each; doz., $2.50; $15.00 per 100.

Moscheutos Roseus. Large bell-shaped flowers of delicate pink.

Price of Hibiscus, except where noted, 15c. each; doz., $1.50; $10.00 per 100.



Hollyhocks

These thrive best in soil that is not too wet; which should be enriched with well-rotted stable or sheep manure. While perfectly hardy, we recommend protecting them slightly during the winter, with leaves, long manure or straw. To guard against fungus or rust we recommend spraying the plant in early spring with Pyrox or Bordeaux Mixture.

Double Canary Yellow.
Double Crimson.
Double Maroon.
Double Newport Pink.
Double Pink.
Double Salmon Pink.
Double White.

Separate colors, Hollyhocks as above, 20c. each; doz., $1.75; $12.50 per 100.

Double Mixed, Single Mixed, Allegheny Fringed Mixed. Mixed Hollyhocks, as above, 15c. each; doz., $1.50; 100, $10.00.

Iberis (Hardy Candytuft)

The Hardy Candytufts are low-growing plants, with evergreen foliage. In spring and early summer they are completely covered with dense heads of pure white flowers. For borders and rockeries they are unsurpassed.

Iberis—*Continued*

Sempervirens. Pure white flowers.

Sempervirens Snowflake. An improved form of the above.

Price of Iberis, 15c. each; doz., $1.50; $10.00 per 100.

Incarvillea (Hardy Gloxinia)

These tuberous rooted plants produce large trumpet-shaped flowers in clusters; they require a slight protection in winter of leaves, straw or long manure; May and June.

Grandiflora. A great improvement on the older variety, the flowers being larger and much brighter. 25c. each; doz., $2.50; $15.00 per 100.

Inula (Flea Bane)

Ensifolia. Dwarf, excellent for borders. Golden yellow; July and August.

Glandulosa Grandiflora. A very showy plant with numerous bright golden flowers on long leafy stems; 2 feet; June-August.

Royleana. Large, handsome, deep yellow flowers; 1½ feet; June-August.

Price of above Inulas, 15c. each; doz., $1.50; $10.00 per 100.

Iris (See page 70)

Lavendula (Lavender)

Vera. A most valuable perennial, producing large sweet-scented flowers in unlimited abundance. 15c. each; doz., $1.50; $10.00 per 100.

Liatris (Blazing Star)

Tall flower spikes which loom up over the majority of other perennials; July till September. Very desirable for table decorations.

Pycnostachia. Light rosy purple; 4 feet. 15c. each; doz., $1.50; $10.00 per 100.

Lilies, Hardy (See pages 23-24)

Lily of the Valley

For outdoor planting in shaded places this plant occupies a unique position. It increases in number each year. Pure white flower bells appear on stems about 8 to 10 inches long in the latter part of May. For outdoor planting the large clumps are best. 25c. each; doz., $2.50; $18.00 per 100.

Lobelia

Cardinalis (Cardinal Flower). Makes a most delightful showing if planted in front of shrubbery or in the herbaceous border; flowers are a vivid crimson on spikes from 2 to 4 feet high; July-August.

Syphilitica Hybrida. Blue and white flowers, produced on long spikes; 2 feet; August-September.

Either of the above Lobelias, 15c. each; doz., $1.50; $10.00 per 100.

Lupinus (Lupins)

They flower in May and June; 3 to 4 feet high. In dry weather water liberally.

Polyphyllus. Blue. 25c. each; doz., $2.50; $15.00 per 100.

Polyphyllus. White. 25c. each; doz., $2.50 $15.00 per 100.

Moerheimi. A new variety, with gigantic flower spikes, which are a combination of pure pink in light and dark shades. 35c. each; doz., $3.50.

IRIS OR (FLEUR DE LIS)

Iris Pumila

This class of plants are charming and suited to a variety of purposes. By taking a variety of them, the Iris flowering season can be continued over a period of several months.

IRIS PUMILA

The first of the Iris to bloom resembling in appearance the German variety; the plants are 6 inches high and are ideal when used as an edging for taller varieties or in borders or rockeries; they delight in a fairly dry, high situation, and once planted will increase in numbers.

Violacea. Dark blue. | **Azurea.** Light blue. | **Lutea.** Yellow.

Price of any of the above Iris Pumilas, 15c. each; doz., $1.50; $10.00 per 100.

IRIS GERMANICA (German Iris)

This is the popular "Flag Iris," thriving best in a high dry soil; when planting observe that the growing part of the crown protrudes from the soil, and only when established, should this be covered entirely; most effective when planted in masses either in the hardy border, in front of shrubbery or in beds.

Eugene Sue. Creamy white spotted purple.

Florentina Alba. Free-flowering white.

Gloire de Hillegom. Light blue; very fine.

Grachus. Crimson and white.

Gypsie Queen. Lavender-bronze, veined white.

Honorabilis. Yellow, shaded rich bronze.

Innocenza. Pure white.

Kharput. Deep pure blue.

Leonidas. Clear mauve.

Mad. Chereau. White, edged blue.

Mrs. H. Darwin. White standards dark purple falls. 25c. each; doz., $2.50; $15.00 per 100.

Mrs. G. Ruethe. White standard, shaded and veined blue gray. The falls are white, frilled soft blue. A large and handsome variety. 25c. each; doz., $2.50.

Nuci d'Orange. Tall growing, with smoky bronze flowers. 25c. each; doz., $2.50.

Ossian. Straw-yellow standard, with bluish violet falls. 25c. each; doz., $2.50.

Pallida Dalmatica. Delicate lavender. 25c. each; doz., $2.50.

Queen of May. Light pink, early.

Price of any of the above German Iris (except where noted), extra strong roots, 15c. each; doz., $1.50; $10.00 per 100.

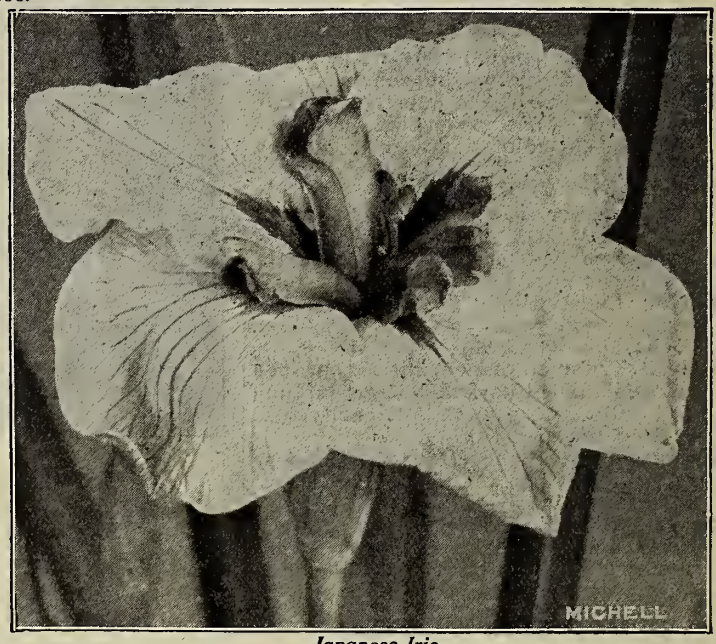
Mixed Varieties. All colors. 10c. each; doz., $1.00; $6.00 per 100.

IRIS KAEMPFERI (Japanese Iris)

The King of all Iris, covering a wide range of color; named sorts can be selected to cover a flowering period of 5 weeks, from the middle of June into July. The flowers, many of them when spread, measure 8 inches across. While they succeed generally in all soils, they delight and thrive best in a deep, rich loam.

The names being rather awkward, we have arranged them under number so they can be ordered more readily.

No.	Double or Six-Petaled Varieties.
4	**Yomo-No-Umi.** Early double, pure white.
20	**Kuma-Funjin.** Silvery white, bordered lilac.
60	**Kagaribi.** White, veined blue.
40	**Kanarishiki.** Greyish white, marbled violet.
47	**Ranjo-no-toma.** Light violet with white halo.
66	**Hanavi.** Ultramarine blue, golden yellow centre.
25	**Senjo-notora.** Mottled and veined white and deep purple.
5	**Koki-no-iro.** Light violet, with white veins.
109	**Hosakiva.** Rich purple, veined white.
53	**Samidare.** Fluted petals; silvery white, shaded violet



Japanese Iris

No.	Single or Three-Petaled Varieties
55	**Shuchiukwa.** Crimson purple with white veins.
43	**Shi-un-ryo.** Grayish white, veined deep violet.
17	**Oyodo.** Rich royal purple.
77	**Yayaura.** White, marbled violet.
15	**Gekka-no-nami.** Early pure white.

Price of any of the above named Japanese Iris, 25c. each; doz., $2.50; $15.00 per 100.

Japanese Iris, mixed colors, 15c. each; doz., $1.50; 100, $10.00.

IRIS INTERMEDIA (New)

A new type, a cross between the German Iris and Iris Pumila. Is medium early, flowering in between those two varieties. Three choice varieties: **Ceres,** pearl white; **Charmant,** white, blue markings; **Walhalla,** light blue. Price of the above, 25c. each; doz., $2.50; $15.00 per 100.

IRIS SIBIRICA

One of the most elegant of all the Iris groups and among the easiest to grow, has grassy foliage with tall stems; the best for cutting.

Orientalis. Snow Queen. A new white-flowered variety of the type; petals broad and full, of snowy whiteness, and with rich golden yellow blotches. 15c. each; $1.50 doz.; per 100, $10.00.

Lychnis (Campion)

Viscaria (*Ragged Robin, London Pride*). Double red flowers on stalks 15 inches high, very showy; June.

Price of any of the above, 15c. each; doz., $1.50; $10.00 per 100.

Lythrum (Loose Strife)

Succeeds in most any locality. It is a rank grower, throwing out flower spikes which are 3 to 4 feet high; flowering from July until September.

Roseum Superbum. Rich rose pink. 15c. each; doz., $1.50; $10.00 per 100.

Brightness. Bright pink; tall erect spikes. 25c. each; doz., $2.50; $15.00 per 100.

Rose Queen. An improvement of the Roseum Superbum, with larger flowers and longer spikes. 25c. each; doz., $2.50; $15.00 per 100.

Monarda (Bergamot)

Showy plants, 2 to 3 feet high, succeeding in any soil or location, flowering during July and August.

Didyma Cambridge Scarlet (*Oswego Tea*). Brilliant scarlet.

Didyma Salmonea. Salmon rose. 25c. each; doz., $2.50; $15.00 per 100.

Didyma Violacea Superba. Bright amaranth red.

Didyma Rosea (*Bee Balm*). Pink.

Fistulosa Alba. Very showy plant with white flower heads; 2 to 3 feet; July-August.

Price of the above, except where noted, 15c. each; doz., $1.50; $10.00 per 100.

Montbretia (See page 32)

Oenothera (Evening Primrose)

After the sun begins to sink and many other perennials close their flowers for the day, the Oenothera is in its glory. Commences flowering in June and lasts throughout the season. The plants are about 10 inches high, and suitable for either border or rock garden work.

Eldorado. Double golden yellow.

Fraseri. Deep yellow; 18 inches high.

Missouriensis. Golden yellow; large.

Speciosa. Pure white; 18 inches high.

Youngi. Rich lemon yellow.

Price of any of the Oenothera, 15c. each; doz., $1.50; $10.00 per 100.

Orobus (Bitter Vetch)

This class of plants succeeds in almost any location or soil. Excellent for borders or rockeries, flowering in May and June.

Lathyroides. Pea-shaped blue flowers, 1 foot high.

Superbus. Purple flowering; 1 foot high.

Vernus. Deep purple, pea-shaped; 1 ft.

Price of any of the above, 25c. each; doz., $2.50; $15.00 per 100.

Ononis

Hircina. A creeping, fast growing plant, with pink, pea-shaped flowers, appearing in May and June. 25c. each; doz., $2.50; $15.00 per 100.

Paeonia (See pages 75-76)

Pachysandra

An evergreen trailing plant, with thick glossy foliage forming a dense mat; one of the finest ground covers for either sunny or shaded locations.

Terminalis. Green, 6 to 8 inches high; small flower spikes of a grayish white, in May and June. 15c. each; doz., $1.50; $12.00 per 100.

Pentstemon (Beard Tongue)

An odd-shaped flower, borne on stalks about 2 feet high. It somewhat resembles the Gloxinia, but is longer and narrower. Starts to flower in early summer and lasts until the frost will strike it down. It makes a brilliant show in the hardy border, also in rock gardens.

Barbatus Torreyi. Brilliant scarlet.

Digitalis. Purplish white flowers with dark purple throat.

Glaber Hybrids. Mixed colors; 2 feet.

Grandiflorus. Dwarf bushy growing plants with purple flowers.

Sensation. A splendid mixture of different shades; 2½ feet high.

Price of the above, 15c. each; doz., $1.50; $10.00 per 100.

Phlox (Miscellaneous)

Divaricata Canadensis. A patch of these makes a spring show hard to describe. The large heads of fragrant lavender flowers appear the latter part of April and in May; nothing that flowers at the same season of the year can compare with it for beauty.

Phlox Subulata Alba. The same as Rosea, with pure white flowers.

Phlox Subulata Rosea (*Moss Pink*). Moss evergreen-like foliage, tucking close to the ground and covered completely with pink star-like flowers in May.

Price of the above Phlox, 15c. each; doz., $1.50; $10.00 per 100.

Phlox Decussata

(Other Hardy Phlox see page 72)

Physostegia (False Dragon Head)

Attractive perennials, blooming July and August; 3 to 4 feet high; throwing up spikes, decked with delicate tube shaped flowers, somewhat resembling a large flowering heather.

Virginica. Delicate soft pink.

Virginica Alba. Pure white.

Price of either of the above, 15c. each; $1.50 doz.; $10.00 per 100.

Pinks (Hardy Garden Varieties)

These old-fashioned, clove-scented flowers should be in every collection of perennials. They are equally splendid for cut flowers and for borders.

Carmen. A fine early light pink.

Her Majesty. One of the best pure white.

Juliette. White, bordered crimson.

Lord Lyon. Deep pink, profuse bloomer.

Price of any of the above Pinks, 15c. each; doz., $1.50; $10.00 per 100.

Platycodon (Japanese Bell Flower)

Very useful for cutting, and with a very long flowering season, lasting from June until October. Height, 2 to 3 feet.

Grandiflorum. Beautiful blue; very handsome.

Grandiflorum Album. Identical with the above, except the color, which is pure white.

Price of either of the above, 15c. each; doz., $1.50; $10.00 per 100.

Physalis (Lantern Plant)

Alkekengi. Ornamental variety of the Ground or Winter Cherry. The lantern-like, orange-red fruits are highly interesting; 2 feet high.

Francheti. Similar to the above, except the fruits have a more brilliant color.

Price of Physalis, 15c. each; doz., $1.50; $10.00 per 100.

Plumbago (Leadwort)

Larpentae. A dwarf spreading plant, splendid for rock garden and for edging hardy borders. During summer and fall months it is covered with rich deep blue flowers. 15c. each; doz., $1.50; $10.00 per 100.

Polemonium (Jacob's Ladder)

Handsome border plants, about 1 foot high, succeeding best in a semi-shaded location. The flowers, which appear from June to September, are very showy.

Richardsoni. Sky blue with golden anthers.

Richardsoni Alba. A white form of the above.

Price of the above, 15c. each; doz., $1.50; $10.00 per 00.

MICHELL'S SUPERB HARDY PHLOXES

PLANTED IN THE AUTUMN, WILL PRODUCE A BRILLIANT SHOW NEXT SUMMER

Phlox. Chastity

BICOLORED VARIETIES

Antonin Mercie. Light ground, suffused dark lilac.
Europa. Blush white, with a large deep pink centre, making it a very showy combination. Very new and the best in its class; the flower truss is very large, while the florets are also of gigantic size.
Hervor. Soft rich pink, with a white eye.
Wanadis. Flowers mottled white and light violet, resembling somewhat the Phlox Canadensis. Each flower has a distinct reddish eye. 25c. each; doz., $2.50; $15.00 per 100.
Widar. Reddish violet, with a distinct white centre. 25c. each; doz., $2.50; $15.00 per 100.

WHITE VARIETIES

Chastity. It is one of the earliest to bloom and remains in flower as late as many other sorts. Of medium height, extremely robust, with deep green foliage, which is crowned with gigantic flower heads of glistening white flowers, each of which is of immense size. 25c. each; $2.50 doz.; $15.00 per 100.
Frau Anton Buchner. Very large pure white flower truss with gigantic individual florets. It makes a fine edging for a bed of Hardy Phlox, being of a very dwarf nature. 25c. each; $2.50 doz.; $15.00 per 100.
Jean d'Arc. One of the latest white flowering, and for this reason should be included in every collection.
Mrs. Jenkins. Of medium height with immense clusters of pure white flowers; very effective when planted in masses.
Miss Lingard. The earliest flowering phlox, beginning in June and blooms uninterruptedly till frost; rather tall and of vigorous growth; pure white; one of the finest phloxes grown. 25c. each; per doz., $2.50; $15.00 per 100.
Von Lassburg. The Queen of all clear white Phloxes, trusses and single flowers are immense in size, as the plant is rather dwarf, it should always be planted in the foreground.

PURPLE AND LAVENDER VARIETIES

Africa. Rich royal purple, suffused crimson. This shade in phlox is much in demand. 25c. each; doz., $2.50; 100, $15.00.
Asia. Rich shade of mauve. Color entirely distinct; must be seen to be appreciated. 25c. each; doz., $2.50; $15.00 per 100.
B. Comte. Brilliant rich purple; a fine variety.
Eugene Danzanvilliers. Delicate lavender; very attractive and decorative color; immense flowers. The peer of its color.
Le Mahdi. Of the shades of blue offered today, there are many which approach Magenta; for this reason we highly recommend this sort, which is a royal deep purple.
W. C. Egan (New). Pale lilac, with intense solferino red eye. Of medium height and branching habit. Very attractive. 25c. each; doz., $2.50; $15.00 per 100.

PINK VARIETIES

Crepuscle (New). Very large flowers, shading from a deep crimson centre, through rose lilac to a white edge; a beautiful blending of colors. 25c. each; doz., $2.50; 100, $15.00.
Elizabeth Campbell. Identical in shade of color with Mrs. John Laing Rose; delicate, refreshing pink with a white eye. Quite distinct, producing immense flower heads.
Grideur (New). Soft mauve rose, shaded cerise pink; very beautiful. 25c. each; doz., $2.50; $15.00 per 100.
Linfield Beauty (New). The salmon pink Phlox of the future, resembling Elizabeth Campbell in every way, but much better. The stock is limited. 30c. each; doz., $3.00.
Madame Paul Dutrie. Delicate soft pink, resembles a delicate Orchid. The flower trusses are enormous.
Rheinlander (New). Deep salmon pink, with bright red eye, of vigorous growth and branching habit. Enormous flower trusses, which appear very early. 25c. each; doz., $2.50.
Rheinstrom. A splendid new Phlox with gigantic flowers of a bright pink. The growth is quite tall, the flowers come early and continue in bloom till frost; truly a grand variety.
R. P. Struthers. Deep salmon pink, dark centre, very large.
Rosamundi. A distinct variety of very attractive appearance. Produces immense trusses of enormous flowers of a beautiful soft rose color. 30c. each; doz., $3.00.
Tower of Eiffel. Light salmon pink, dark centre; very large.
Wm. Robinson. Carmine pink, with deep crimson eye.

RED AND SCARLET VARIETIES

Baron von Dedem. Deep pink, suffused orange; immense trusses.
Coquelicot. Brilliant orange scarlet with a large truss.
Dr. Konigshofer. Brilliant orange scarlet with dark blood red eye, resembling Coquelicot, but is more brilliant, and of dwarf growth. 25c. each; doz., $2.50; $15.00 per 100.
Fernand Cortez. Cerise pink, with a purple eye.
General von Heutsz. This produces immense trusses of enormous flowers, which are of a delicate salmon scarlet, surrounded with a lavender eye, which is edged white.
Geo. A. Strohlein. Bright scarlet, with crimson red eye.
Goliath. A distinct variety of attractive appearance; a tall grower, attaining a height of 3 feet. The flower trusses are large, of a bright cerise color with deep eye.
Gen. Chanczy. Orange, suffused scarlet; purple eye.
Iris (New). A variety of rare merit; deep reddish violet with enormous flower trusses. 25c. each; doz., $2.50; 100, $15.00.
Matador. Cherry red, crimson eye; dark foliage.
Montagnard. Dark purple claret; large spikes and flowers.
Professor Virchow. Bright carmine, shaded orange red.
Tragedie. Carmine red, with a distinct blood red eye. 25c. each; doz., $2.50; $15.00 per 100.
Von Hochberg. Rich deep crimson.

PHLOX ARENDSI

A new dwarf class, from 12 to 24 inches high. The plants are of vigorous, branching habit and continue to flower from the latter part of May until the end of July.
Amanda. 12 inches high; delicate lilac with deeper centre.
Charlotte. 18 to 24 inches high; pale lilac shaded pink, dark eye.
Grete. Very branching habit; 20 inches high; flowers pure white.
Kathe. 20 inches high; flowers purplish rose with dark eye.
Louise. 2 feet high; strong grower; light lilac with a carmine eye.

Price of any of the above Phlox Arendsi, 25c. each; doz., $2.50; $15.00 per 100.

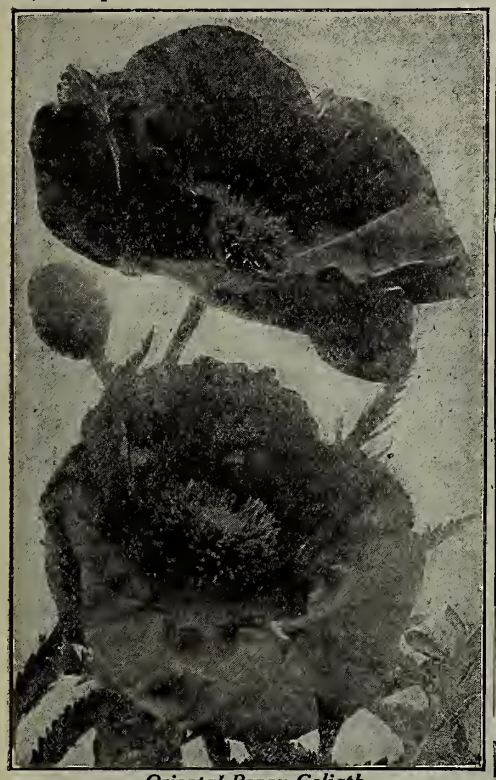
Price of any of the above Phlox, except where noted, 15c. each; per dozen, $1.50; $10.00 per 100

Iceland Poppies

The graceful foliage is surmounted with a mass of stems a foot high, which terminate in a beautiful cup-shaped flower. Flowers continuously the entire summer.

Orange King (Orange Yellow).
White.
Yellow.
Mixed Colors.

Any of the above, 15c. each; doz., $1.50; $10.00 per 100.



Oriental Poppy Goliath

Oriental Poppies (Papaver)

In late years the hardy Poppies have come much in favor by reason of the great effect they make. The gorgeous colored flowers of the Oriental type make a rich, brilliant show. These bloom usually in July. After the flowering period the plants have a tendency to take on the appearance as if they were dead. But they return to vigor usually as soon as the weather becomes cool. For the little trouble of placing and covering manure over them in the winter they will reward one with an extra wealth of bloom.

Fuerstenkind. Brilliant scarlet.
Goliath. One of the most effective, large flowers of a rich scarlet; the largest flowered of this class.
Mrs. Perry. Soft salmon rose.
Orange Scarlet. A rich color, handsome large flowers.
Mahony. Crimson maroon, shaded mahogany.
Marie Studholme. Pure salmon, shaded silvery.
Rose Queen. Clear salmon pink.
Silberblick. Silvery white, shaded salmon.
Princess Victoria Louise. Beautiful shade of salmon pink.

Price of any of the above Oriental Poppies, 25c. each; doz., $2.50; $15.00 per 100.

Prunella

Grandiflora. Dwarf growing plant, suitable for shady places and rockery work. Blooms continuously all summer. Purple flowers. 25c. each; doz., $2.50; $15.00 per 100.

Primula (Hardy Primrose)

One of the first of the early spring flowers which delight in a rich soil, preferably in a semi-shaded location. Some of the varieties are richly colored, and, generally speaking, as a perennial are worthy of a place in every hardy garden. As a hardy border edging, as well as for rockery planting, it can be highly recommended.

Auricula. A mixture of brilliant shades of red and yellow, of seed saved from the finest strains.
Polyanthus. Velvety red, edged golden yellow.
Veris (*English Cowslip*). A mixture, covering various shades of red and yellow. 10c. each; doz., $1.00; $7.50 per 100.

Price of any of the above, except where noted, 15c. each; doz., $1.50; $10.00 per 100.

Pyrethrum

This is one of the handsomest perennials in cultivation today. The large daisy-like flowers appear as early as June and bloom continuously until September. They delight in a rich soil with a natural drainage. They thrive best in the full sunlight. As the flowers die, the old stems should be cut off to encourage new blooms.

Uliginosum. Giant flowering. Single white; 4 to 5 feet.
Hybridum, Single Mixed. Splendid shades; 2½ feet.

Price of any of the above Pyrethrums, 15c. each; doz., $1.50; $10.00 per 100.

Rudbeckia Golden Glow (see top of next column)

Rudbeckia (Cone Flower)

A variety of these will furnish a supply of cut flowers from early July until September. They are extremely hardy, doing well with every one. They could be termed "a city garden perennial," doing so well with little attention.

Golden Glow. Double canary yellow; 6 feet; flowers in August.

Newmanni. Single dark orange with deep purple cone centre; 3 feet high; flowers from July to September.

Purpurea (*Giant Purple Cone Flower*). The flowers remain in perfect condition on the plants for weeks at a time. In fact, we do not know of any other perennial where the flowers last so long in perfect condition. Flowers from July to September; 2½ feet high.

Autumn Sun. A splendid single flowering sort; very showy. It has long, broad petals of a bright primrose yellow; 5 to 6 feet high; flowers from August to October.

Rays of Gold. An improved form of the well-known Golden Glow. The flowers have the same golden color, but have narrow petals, which form a perfect globe.

Either of the above, 15c. each; doz., $1.50; $10.00 per 100.

Ranunculus (Buttercup)

Acris Fl. Pl. A dainty double sort with yellow, button like flowers; 2 feet. 15c. each; doz., $1.50; $10.00 per 100.

Salvia (Meadow Sage)

Azurea. The plant is covered with a mass of rich sky blue flowers, commencing in July and lasting until September; about 3 feet tall. They make a good show if planted in masses. 15c. each; doz., $1.50; $10.00 per 100.

Salvia Virgata Nemorosa. This splendid new variety grows into a shapely dense bush form, above which tower the flower spikes, decked with many deep blue blossoms. Blooms continuously from July to September; 2½ feet.

Greigi (*New*). Cerise crimson; 2½ to 3 feet. Blooms the entire summer and is quite hardy. 35c. each; doz., $3.50; $25.00 per 100.

Uliginosa. A beautiful late sort of an attractive shade of blue with a distinct white eye. The plant is of upright habit, branching, and grows about 5 feet high. It blooms freely and flowers practically at every axil.

Pitcheri. Similar to the Azurea, but of more branching habit; the flowers are very large and of a deep blue color; 3 feet high; July-September.

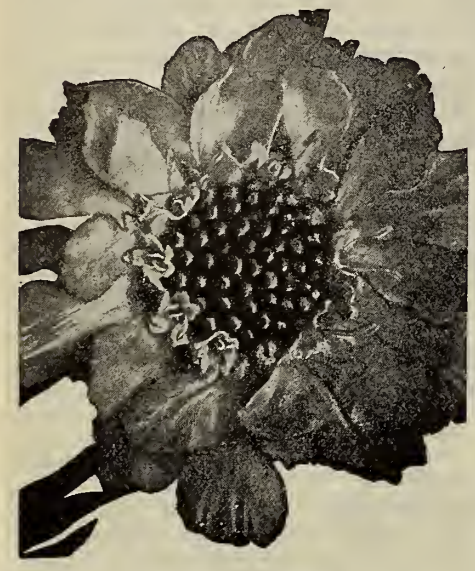
Sclarea. An interesting variety. Pale purple flowers, lower lip white; 3 feet; June and July. 15c. each; doz., $1.50; $10.00 per 100.

Price of the above Salvias, except where noted, 25c. each; doz., $2.50; $15.00 per 100.

MICHELL'S HARDY PERENNIAL PLANTS

Satureja (Savory)

Montana. An evergreen, aromatic plant with slender, branching stems; 12 in. high; covered with showy white flowers in August and September.



Scabiosa Caucasica

Scabiosa

The flowers are gigantic, measuring frequently three inches and more in diameter. It delights in a sunny position, and is a cut flower few perennials can equal. It lasts a long while in water. The average height is about 2½ feet. Very free flowering.

Caucasica. A delicate shade of lavender blue, starting in flower in June and lasting well through the summer.

Caucasica Alba. Pure white.

Japonica. Rich lavender blue. July and August.

Any of the above varieties, 25c. each; doz., $2.50; $15.00 per 100.

Scutellaria

Coelestinum. A dwarf spreading Alpine plant with bright blue flowers. Splendid for rockeries. July-August. 15c. each; doz., $1.50; $10.00 per 100.

Saponaria (Soap Wort)

Caucasica. Double white, tinted rose, flowering all summer; 15 inches high.

Ocymoides. A splendid plant for rock work, growing only 9 inches high. Covered through the whole summer with masses of small, brilliant pink flowers.

Either of the above, 15c. each; doz., $1.50; $10.00 per 100.

Stachys (Wound Wort)

An attractive plant, 12 to 15 inches high, flowering in June and July.

Betonica Rosea. Rich brilliant pink.

Lanata. An ideal edging plant with bright silvery-white woolly foliage. The flowers, which are rather small, are bright purple; 8 inches high.

Either of the above, 15c. each; doz., $1.50; $10.00 per 100.

Shasta Daisy

The glistening white flowers, often 5 inches in diameter, with an attractive yellow centre, begin to appear the latter part of July and last almost till snowtime. The flower stems are long and rigid, for cutting there are few perennials that approach it as regards keeping qualities.

Alaska. Pure white, yellow centre. 25c. each; doz., $2.50; $18.00 per 100.

Sedum (Stonecrop)

Acre. The foliage of this is a distinct attraction in itself, being of a yellowish green shade; for covering rockeries, in borders or beds on cemetery lots it is indispensable. The flower, which appears in July, is bright yellow and lasts on the plant a long while; height, 6 inches.

Album. Green foliage, white flowers; height, 6 inches.

Sexangulare (*Love'en'tangle*). Dark green foliage; yellow flowers; 6 inches.

Sieboldii. Roundish foliage, with a blue cast, the flowers, which appear in August and September, are bright pink.

Spectabilis. This variety grows about 18 inches and flowers in June, foliage light green, immense heads of pink flowers.

Spectabilis Brilliant. One of the prettiest tall growing species, reaching a height of about 18 inches; broad light green foliage and richly colored flowers of amaranth red. September-October. 25c. each; doz., $2.50; 100, $15.00.

Stahli. Compact variety with crimson tinted foliage in autumn.

Price of any of the above, except where noted, 15c. each; doz., $1.50; $10.00 per 100.

Senecio (Groundsel)

Clivorum. A very effective plant with large green foliage and loose branching heads of bright yellow flowers; 3 to 5 feet high. Good for low, damp locations. 25c. each; $2.50 doz.; $15.00 per 100.

Silene (Catchfly)

Charming Alpine plants, in bloom from spring until fall; fine for rockeries.

Alpestris. Star-shaped, white flowers on slender stems; 6 inches.

Asteria Grandiflora. Bright red flowers; all summer; 3 feet high.

Schafta. Rosy purple; 4 inches high; July to October.

Price of above Silenes, 15c. each; doz., $1.50; $10.00 per 100.

Solidago (Golden Rod)

Altissima. The finest of the Golden Rods, growing 4 to 5 feet high, with stately panicles of bright golden yellow flowers from July to September.

Canadensis. Our native Golden Rod: deep yellow flowers in August and September; 4 feet.

Golden Wings. Very showy; 5 feet high, with immense panicles of bright golden yellow flowers from July to September.

Either of the above, 15c. each; doz., $1.50; $10.00 per 100.

Spiraea (Drop Wort)

Graceful border plants with feathery plumes of flowers; specially adapted for shady positions.

Filipendula fl. pl. A charming variety with double white flowers and deeply cut foliage, 1½ feet; June and July.

Palmata (*Crimson Meadow Sweet*). Purplish red stems and crimson purple flowers; 3 feet; June-July.

Ulmaria fl. pl. Double white; 3 feet; June-July.

Venusta Magnifica. A magnificent new sort with intense rosy-red, fragrant flowers; 4 to 5 feet; June-July. 35c. each; doz., $3.50.

Price of above Spiraeas, except where noted, 15c. each; doz., $1.50; $10.00 per 100.

For other Spiraeas, see pages 35 and 83.

Statice (Sea Lavender)

Principally grown for dried winter bouquets.

Gmelini. Immense panicles of flowers of a delicate light blue color; 15 inches high. July to October.

Latifolia. Gigantic heads of dark blue flowers; June to October.

Eximia. Large panicles of pretty lilac flowers; 15 to 18 inches high.

Tartarica. Deep lilac flowers, which appear all summer; 15 to 18 inches high.

Price of the above, 15c. each; doz., $1.50; $10.00 per 100.

Stokesia

Stokesia (Corn Flower Aster)

The flower has the appearance combining a giant cornflower and an aster. Plants are 18 inches high and are of spreading habit, blooming from June until frost. Succeeds in most any location.

Cyanea. Very light blue.

Cyanea Alba. Pure white.

Price of the above, 15c. each; doz., $1.50; $10.00 per 100.

Tanacetum

Vulgare. Bright yellow flowers and curled leaves; 3 feet; July to September. 15c. each; doz., $1.50; $10.00 per 100.

This "Queen of Spring" holds a place entirely her own in effective gardens. The exquisite form, the delicate and rich colors, its value for garden or house decoration, and the delightful fragrance are all points in its favor. No disease or insect ever troubles this plant. The best effect of Paeonies is attainable when massed by themselves in groups on lawns or borders with a distinct background of shrubbery. They delight in a sunny location in deep rich soil. After planting take care to see they are watered regularly until you feel they are established. At blooming time the size and quality of flower are greatly increased, if the plants are watered in ab ence of occasional rains. In planting always take care to see that the crown or top of root is not more than 1 to 2 inches below the surface when covered. The roots are perfectly hardy and once planted remain for years, increasing in size. Root can be delivered beginning in April or in the autumn beginning in September.

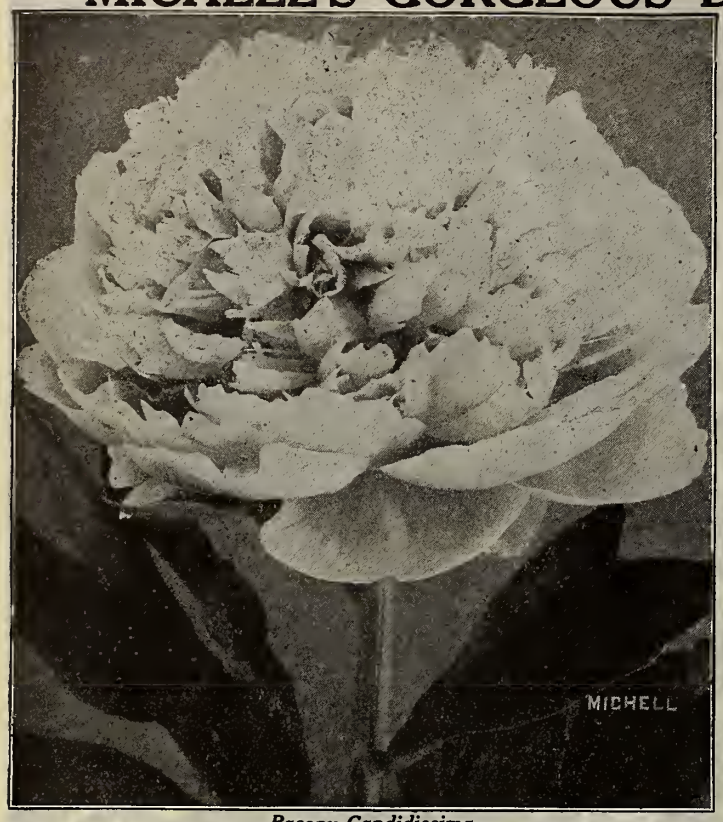
Attention is called particularly to our revised list of named varieties, which includes the very finest sorts. The day of the common garden paeony is about over, the improved named sorts, which cover every imaginable shade of color, being sought after instead. **We send out only extra strong roots.**

PINK SHADES

	Each	Doz.
Achille. Beautiful shell-pink, changing to lilac white; splendid variety. Early	$0.25	$2.50
Beaute Francaise. Lilac-rose, with a cream white collar; very fragrant. Mid-season	.35	3.50
Berlioz. Perfect form. Large magenta rose color; silver tipped. Late	.35	3.50
Dr. Bretonneau. Lilac rose, with cream white centre, flecked crimson. Mid-season	.30	3.00
Carnea Elegans. Of a clear flesh color, glossy reflex. A free bloomer. Mid-season	.35	3.50
Charlemagne. Excellent variety. Lilac white, with a light pink centre. Fragrant. Late	.50	5.00
Clarisse. Beautiful rose pink, with silvery pink centre; fine form and habit. Mid-season	.25	2.50
Delicatissima. Pale lilac rose, free habit; fragrant. Mid-season	.30	3.00
Duc de Cazes. Bright pink, silvery reflex. Early.	.25	2.50
Edulis Superba. Beautiful shaped flower of a bright mauve pink color, with narrow edges of lilac. One of the best early sorts	.25	2.50
Eugenie Verdier. Giant globe-shaped flower of a soft pink color. Mid-season	$0.50	$5.00
Faust. Delicate flesh pink, with salmon centre. Mid-season	.25	2.50
Grandiflora Rosea. Full globe-shaped flower, light solferino red petals, salmon centre. Mid-season	.30	3.00
L'Indispensable. Perfect shaped flower of a delicate creamy color, shaded pink. Mid-season	.50	5.00
Lady Bramwell. Delicate silvery pink. Mid-season	.25	2.50
Mme. Forel. Late desirable sort. Very large compact flowers of a beautiful shade of light pink, with a silvery tipped centre. Late	.50	5.00
Mons. Krelage. Grand flowers of a dark pink color. Large and compact. Late	.50	5.00
Marie Lemoine. Very large, compact flower of lasting qualities. Delicate white rose, with a creamy centre	.50	5.00
Mme. Leonie Calot. Delicate rosy white, centre petals slightly tipped carmine. Mid-season	.50	5.00

We send out Extra Large Paeony Roots (ha)

MICHELL'S GORGEOUS DOUBLE PAEONIES (Roots)



Paeony Candidissima

WHITE AND LIGHT SHADES

	Each	Doz.
Agnes Mary Kelway. The outer large petals are white tinted rose, while the centre is a cream shade; a very striking flower. Early	$0.25	$2.50
Alba Plena. A giant flower of the purest white; very double. Of superb fragrance. Mid-season.	.25	2.50
Candidissima. Creamy white, with a clear, sulphur-yellow centre, which shows an occasional slight tint of flesh pink. Early	30	3.00
Couronne d'Or. Immense, very full, ball-shaped form; color, snowy white with yellow reflex and deep pink edges on a few petals. Late	.50	5.00
Duc de Wellington. Large, sulphur-white flower of great fragrance and with long stems. Late	.35	3.50
Duchesse de Nemours. Pure white, with a sulphur white centre; very early and extra fine. Early	.30	3.00
Festiva Maxima. Beautifully shaped flower, 7 to 8 in. in diameter. Pure white, splashed red. Late.	.40	4.00
La Rosiere. Imbricated petals of yellowish white with straw yellow centre. Mid-season	.35	3.50
Queen Victoria. Pure white; cream centre. Mid-season	.35	3.50
Zoe Calot. Pure white; suffused rose. Mid-season	.35	3.50

RED AND DARK SHADES

Anemoneflora Rubra. Anemone form, having a broad collar; a beautiful dark crimson. Mid-season	.30	3.00
Delachi. Large flowers of a deep purple color, free bloomer. Late	.30	3.00
Felix Crousse. Large bright red flowers on long stems. Extra fine, self-colored variety. Mid-season	.50	5.00
General MacMahon. Large anemone-shaped flower of a deep violet color. Magnificent variety. Mid-season	.50	5.00
L'Eclatante. Large globular flower of brilliant red color; very good variety. Mid-season	.30	3.00
Louis Van Houtte. A rich shade of crimson maroon, an exceptionally fine large flower. Late	.30	3.00
Meissonier. Loose reddish purple flowers on tall stems. Very fragrant. Very good variety. Mid-season	.35	3.50
Victor Hugo. One of the very best of red paeonies. Brilliant carmine red. Unsurpassed for cutting. Late	.50	5.00

PAEONY CHINENSIS

This is the common garden variety in cultivation most everywhere.

	Each	Doz.	100
Double Red. Large roots	$0.25	$2.50	$15.00
Double White. Large roots	.25	2.50	15.00
Double Pink. Large roots	.25	2.50	15.00

PAEONY OFFICINALIS (The old fashioned Paeony)

Fragrant flowers of immense size, flowering early in May and having a distinct foliage and growth.

	Each	Doz.	100
Rosea. Double pink	$0.30	$3.00	$20.00
Rubra. Double red	.30	3.00	20.00
Alba. Double white	.30	3.00	20.00

One each of the above 3 colors for 75c.

Tree Paeony Lambertiana

DOUBLE TREE PAEONIES

These very beautiful and free-flowering paeonies deserve to be included in every collection. They are from 2 to 3 weeks earlier than any other variety and the flowers, often measuring a foot in diameter, include every shade from white and softest pink to the most brilliant scarlet and purple.

Abraham Lincoln. Deep velvety amaranth; very double.
Confucius. A beautiful shade of purplish scarlet, single.
Jeanne d'Arc. Very large, salmon rose with dark centre, single.
Bijou de Chusan. Pure white, yellow centre, semi-double.
Etna. Brilliant fiery red.
Lambertiana. Pure white, suffused with delicate rose.
Louise Mouchelet. Beautiful silvery rose; extra large flower, double.
Queen of Belgiums. Blush shaded salmon rose. Splendid sort.
Beauty de Cologne. Salmon rose, suffused flesh colored.
Rosea Superba. Salmon rose; semi-double. Beautiful.

Any of the above varieties; extra strong plants, $1.00 each; per doz., $11.00; (or 1 each of the above varieties for $9.00).

PAEONIA TENUIFOLIA Flore Plena

An early flowering species with fern-like foliage and double deep crimson flowers, a shade like the Jacq Rose; this is undoubtedly one of the most attractive paeonies in cultivation, excellent for massing or planting individually in the herbaceous border, blooming very early in May, sometimes latter part of April, makes an exceedingly attractive plant. Each, 25c.; per doz., $2.50; $20.00 per 100.

Paeony Culture is fully covered by **Michell's Bulb Growing Guide.** Ask for a free copy.

For other Paeonies, see page 75.

Watch for the announcement of our annual Paeony Show in June

Michell's Hardy Gorgeous Paeonies

Ready for Shipment in September—Orders Booked Now.

FALL and LATE SUMMER is the time to plant.

KEY TO THE ABOVE VARIETIES

If desired by Parcel Post allow **5 cents** per ROOT for mailing

	EACH	DOZ.
1—EUGENIE VERDIER - - -	50c	$5.00
2—DUCHESSE DE NEMOURS -	30c	3.00
3—FELIX CROUSSE - - .	50c	5.00

SPECIAL OFFER
1 of Each for $1.15

MICHELL'S Hardy Perennial Plants

TRITOMA PFITZERI

(Red Hot Poker Plant)

A truly picturesque plant, with long, narrow, Hemerocallis-like foliage and stout, leafless spikes, growing to a height of 3 to 4 feet, of which nearly a foot is a mass of narrow, tubular flowers, closely set around the stem, of a rich orange scarlet.

With the early part of August these flowers appear, and from that time on there is a constant procession of them until November. A bed of these in bloom is a grand sight; a vase of these arranged with autumn leaves or ornamental grasses make a handsome effect. Though the roots are considered hardy, we, however, recommend that they be lifted in the autumn and placed in a box of soil or sand, preferably in the cellar.

Orders Booked Now for
AUTUMN DELIVERY

Plants 25c Each. Dozen, $2.50
$15.00 per 100

TRITOMA
PFITZERI
(Flame Flower)
25c. each Doz. $2.50
$15.00 per 100

DELPHINIUM
(Hardy Larkspur)
15c. each Doz. $1.50
$10.00 per 100

Michell's Hardy Delphinium

(HARDY LARKSPUR)

There is no more stately flower than the HARDY LARKSPUR, succeeding so well in all kinds of soil, and under the most trying conditions. Its wealth of bloom appears in June, and if cut down immediately afterwards it will send up new shoots which flower uninterruptedly from August until November. Delphiniums love a rich soil and a sunny situation. Our stock of these is unusually fine.

Plants 15c Each Doz., $1.50 $10.00 per 100

Thalictrum (Meadow Rue)

Very graceful plants with handsome, finely cut foliage; they make splendid border plants, also useful for rockeries.

Aquilegiafolium Atropurpureum. Rosy purple; 3 feet.

Aquilegiafolium Album. White; 3 feet.

Flavum. Rich yellow; 2 feet.

Adiantifolium. Foliage resembles the Maiden Hair Fern; miniature white flowers appear in profusion in June and July; 12 inches.

Dipterocarpum. Valuable for cut flowers. The individual plants are of a rosy purple color; 4 feet; June to August. 35c. each; doz., $3.50.

Price of above Thalictrums, except where noted, 25c. each; doz., $2.50; $15.00 per 100.

Thermopsis

Fabacea. A tall growing, very showy plant, which produces long spikes of yellow flowers from June to August. 15c. each; doz., $1.50; $10.00 per 100.

Caroliniana. A showy, tall growing plant, 3 feet high; long spikes of yellow flowers in June and July. 25c. each; doz., $2.50; $15.00 per 100.

Trillium (Wood Lily)

Excellent for shaded positions, flowering very early in spring. It looks best when planted promiscuously among hardy plants.

Grandiflorum. White. 10c. each; doz., $1.00; $6.50 per 100.

Trollius (Globe Flower)

An early flowering plant, lasting in bloom till August. It prefers a shaded location; while hardy, we recommend a slight protection to the plant in winter; height, 12 inches.

Europaeus. Bright yellow.

Japonicus "Excelsior." Very deep orange colored flowers.

Price of any of the above, 25c. each; doz., $2.50; $15.00 per 100.

Valeriana (Spurred Flower)

Coccinea. Showy heads of red flowers, in bloom all summer; 2 feet.

Coccinea Alba. A white form of the above.

Officinalis (*Hardy Garden Heliotrope*). Showy pink flowers from June to August, with a strong heliotrope perfume.

Price of any of the above, 15c. each; doz., $1.50; $10.00 per 100.

Veronica (Speedwell)

A fairly numerous and much grown group of perennials which, with few exceptions, bears spikes of blue flower. Excellent for cutting.

Incana. White, silvery like foliage, tufted with pale blue flowers; 12 to 18 inches; July and August.

Longifolia Subsessilis. Grows 2½ feet high and is completely studded with spikes of rich blue flowers from July to August. 25c. each; doz., $2.50; $15.00 per 100.

Virginica. Free flowering, with bold upright habit. Pale blue; July and August.

Virginica Alba. Large, pure white.

Price of above Veronicas, except where noted, 15c. each; doz., $1.50; $10.00 per 100.

Tritoma

Tritoma

(Flame Flower, Torch Lily or Red Hot Poker Plant)

In summer and autumn when other flowers are on the wane, the Tritoma looms up and furnishes a wealth of bloom till killing frosts check it. A vase of these arranged with autumn leaves or ornamental grasses make a handsome effect. Though the roots are considered hardy, we, however, recommend that they be lifted in the autumn and placed in a box of soil or sand, preferably in the cellar. There are a number of varieties in commerce, but the sort mentioned below seems to be demanded most and fills every need.

Pfitzeri. Blooms from August till October; rich orange scarlet. 25c. each; doz., $2.50; $15.00 per 100.

Express. A splendid new variety, which flowers much earlier than any other sort, commencing in July and lasts until frost; deep coral red. 25c. each; doz., $2.50; $15.00 per 100.

Tuckii. The flowers of this variety are of a distinct shade of red, shaded primrose yellow; 4 feet high; August-September. 25c. each; doz., $2.50; $15.00 per 100.

SPECIAL NOTICE—We have just compiled, at great expense, a publication entitled **"Hardy Perennials, and How to Grow Them."** A copy is yours for the asking.

Vinca (Periwinkle or Myrtle)

It is often a perplexing problem to find the plant that will do well in a dense shade. Right there is where Vincas of the hardy class should be employed, also in lawn plantings under trees, in woodlands and on spots where it is desired to cover the ground and no grass will grow. The attractive light lavender flowers produce a sheen of color in May. It is valuable for planting on cemetery lots by reason of its dwarf creeping habit. The foliage is green all winter.

Aurea (*New*). Identical in habit and value with the **Minor** type, except that the foliage is green, margined yellow. It is fast becoming very popular by reason of the brilliant show it makes when mixed in plantings of the Minor variety. 25c. each; doz., $2.50; $15.00 per 100.

Minor. Green foliage, lavender flowers. Extra strong plants, 15c. each; doz., $1.50; $10.00 per 100.

Yucca

Yucca (Adam's Needle)

This plant sets off to best advantage if placed as individual specimens either on the lawn or in the shrubbery border. The foliage is of an evergreen nature, is slender and pointed. The tall flower-spikes rise 4 to 5 feet above the plant and are decked with cream white bell-shaped drooping flowers July and August. A majestic plant, especially fine for producing tropical effects.

Filamentosa. White, with reflexed flower bells. Extra strong plants, 25c. each; doz., $2.50; $15.00 per 100.

Testimonials on Michell's Plants

Paoli, Pa.

The plants you sent me were the best I ever had and the seeds are as good as the very best.

GEO. M. TRIMBLE.

Hamlet, N. C.

The splendid plants reached me in fine condition.

MRS. O. L. CLOUD.

MICHELL'S POT-GROWN ROSES

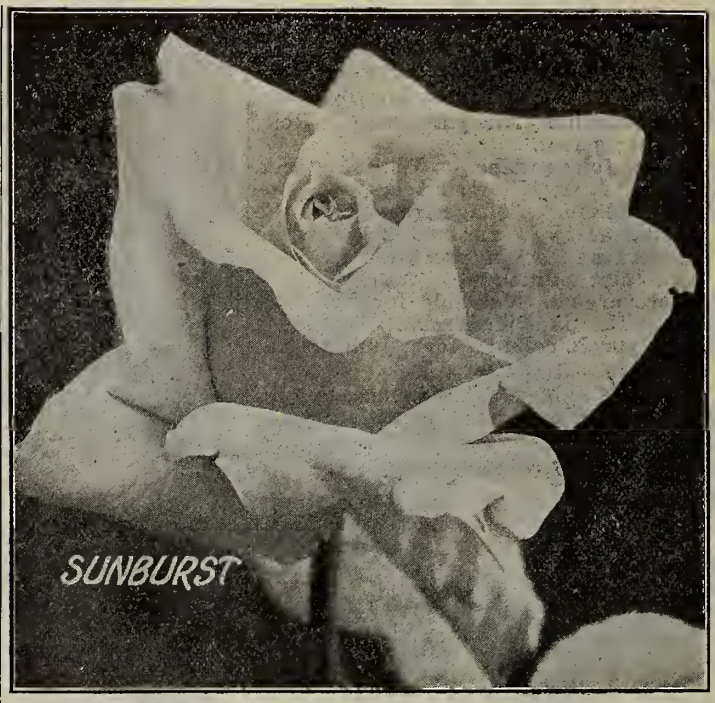
FOR PLANTING OUTDOORS IN AUTUMN

All the Roses offered below are extra strong 2 year old pot-grown stock, and if planted this autumn will produce a full crop of flowers next summer.

Order Now while the selection is good; and have your rose garden established for next spring.

EVERBLOOMING HYBRID TEA ROSES

	Each	Doz.
Antoine Rivoire. Flesh pink	$0.50	$5.00
Betty. Coppery rose, shaded golden yellow	.50	5.00
Chateau de Clos Vougeot. Fiery scarlet	.50	5.00
Dean Hole. Salmon pink	.50	5.00
Dorothy Page Roberts. Coppery yellow	.60	6.00
Earl of Gosford (*New*). Rich deep crimson; very fragrant	.50	5.00
Earl of Warwick. Soft salmon pink	.50	5.00
Farbenkonigin. Brilliant pink	.50	5.00
Francisca Kruger. Yellow	.50	5.00
Geo. C. Waud. Rich vermilion	.50	5.00
Harry Kirk. Deep canary-yellow	.50	5.00
Lady Ashtown. Delicate rose	.50	5.00
Lady Alice Stanley. Deep rose	.60	6.00
La France. Satiny rose	.50	5.00
Mad. Abel Chantenay. Carmine rose	.50	5.00
Mad. Caroline Testout. Bright satiny rose	.50	5.00
Mad. Segond Weber. Soft salmon pink	.50	5.00
Marquise de Sinety. Light orange yellow	.50	5.00
Mary Countess of Ilchester. Crimson-carmine; very fragrant; immense flowers	.60	6.00
Mme. Leon Pain. Salmon	.50	5.00
Mme. Ed. Heriot (*New*). Coral red; shaded yellow and scarlet	1.50	
Mrs. David Jardine. Rose pink; immense flowers; flowers all summer, but especially free in the fall	.50	5.00
Mrs. Geo. Shawyer (*New*). The finest pink	1.00	10.00
Mrs. Sam Ross. Pale straw, flushed deeper yellow on the reverse of petals; free flowering and of great fragrance	1.00	10.00
Mrs. W. Christie Miller. Soft peach	.60	6.00
Mrs. W. Easlea. Glowing crimson carmine	.60	6.00
Prince d'Arenberg. Dark crimson	.60	6.00
Prince de Bulgarie. Flesh pink	.60	6.00
Richmond. Rich crimson; one of the most beautiful varieties	.50	5.00
Sunburst. Golden orange; long pointed buds; free bloomer	.75	7.50
Souvenir de Cath. Guillot. Coppery carmine, shaded orange in the centre	.50	5.00
William Shean. Delicate pink	.50	5.00
Willowmere (*New*). Rich pink; shaded yellow	1.25	



HYBRID PERPETUAL ROSES

	Each	Doz.
Baron de Bonstetten. Velvety red, almost black	$0.50	$5.00
Captain Christy. Pink	.50	5.00
Frau Karl Druschki. Pure white	.50	5.00
General Jacqueminot. Velvety crimson	.50	5.00
George Arends. Clear pink	.50	5.00
Gloire de Lyonnaise. White, shaded yellow	.50	5.00
Magna Charta. Deep pink	.50	5.00
Mrs. John Laing. Soft pink, very fragrant	.50	5.00
Mrs. R. G. Sharman Crawford. Light pink	.50	5.00
Paul Neyron. The largest of all roses, deep rose	.50	5.00
Prince Camille de Rohan. Deep velvety maroon	.50	5.00
Ulrich Brunner. Bright cherry red, flowers large	.50	5.00

CLIMBING ROSES

American Pillar. Rich shade of pink	$0.50	$5.00
Christine Wright. Bright rose pink	.60	6.00
Climbing Killarney. Delicate soft pink	.50	5.00
Climbing Lady Ashtown. Delicate pink	.60	6.00
Climbing American Beauty. Deep pink	.60	6.00
Climbing La France. Satiny rose	.60	6.00
Reine Maria Henriette. Cherry red	.50	5.00
Silver Moon. Gigantic pure white flowers	.75	7.50

MISCELLANEOUS ROSES

Juliet (*Austrian Briar*). Vermilion	$0.50	$5.00
Gardenia (*Wichuriana*). Yellow	.40	4.00
Rugosa. Double white	.50	5.00
Rugosa Alba. Single White	.35	3.50
Rugosa Rubra. Crimson Carmine. Single	.35	3.50
Soleil d'Or (*Austrian Briar*) Orange	.50	5.00

FRENCH HYDRANGEAS—FOR FORCING

For flowering in pots for Easter, the Hydrangeas have become very popular and is one of the best plants. New varieties have brought a variation in colors and form of bloom. We have selected the best of these newer varieties described below, all pot-grown.

Avalanche. Pure white. Strong 4 in. pot plants, 25c. each; doz., $2.50. 6 in. pot plants, 50c. each; doz., $5.00. 11 in. tubs specimens, $2.50 each.

Bouquet Rose. Amber, turning to brighter pink. Strong 4 in. pot plants, 25c. each; doz., $2.50. 6 in. pot plants, 50c. each; doz, $5.00. 11 in. tubs specimens, $2.50 each.

General de Vibraye. Bright rose. Extra strong 4 in. pots, 25c. each; doz., $2.50. 6 in. pot plants, 50c. each; doz., $5.00.

La Lorraine. Pale rose pink. Strong 4 in. pot plants, 25c. each; doz., $2.50. 6 in. pot plants, 50c. each; doz., $5.00.

Madame Maurice Hamar. Flesh pink shade. Strong 4 in. pot plants, 25c. each; doz., $2.50. 6 in. pot plants, 50c. each; doz., $5.00.

Monsieur G. Renault. Rich pink. 4 in. pot plants, 25c. each; $2.50 per doz.; extra strong 6 in. pot plants, 50c. each; per doz., $5.00.

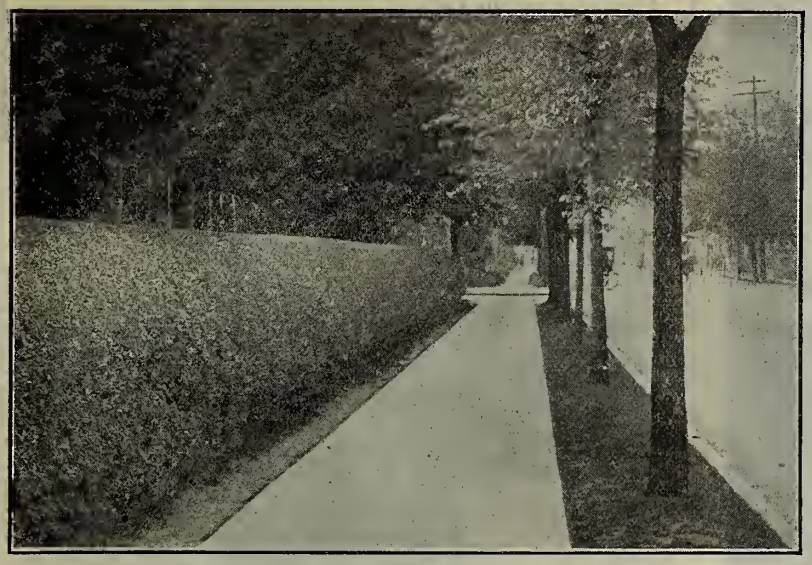
Mme. Emile Moulliere. Pure white, with rich carmine eye. Strong 4 in. pot plants, 25c. each; doz., $2.50. 6 in. pot plants, 50c. each; doz., $5.00.

Radiant. Brilliant rose pink. Strong 4 in. pot plants, 25c. each; doz., $2.50. 6 in. pot plants, 50c. each; doz., $5.00. 11 in. tubs specimens, $2.50 each.

Souvenir de Mme. Chautard. Rose colored. Strong 4 in. pot plants, 25c. each; doz., $2.50. Extra strong 6 inch pot plants, 50c. each; per doz., $5.00. 11 inch tubs specimens, $2.50 each.

Otaksa. This is the original pink-flowering Hortensis type. Delicate soft pink. 4 in. pot plants, 25c. each; per doz., $2.50. 6 in. pot plants, 50c. each; per doz., $5.00. 8 in. pots, $1.00 each; doz., $9.00. Specimen Plants in 11 in. tubs, $1.75 each; 13 in. tubs, $3.50 each.

6 Roses, your selection, at dozen rate. 25, your selection, at 100 rate.



A Privet Hedge is Much More Attractive than the Best Fence

CALIFORNIA PRIVET

Exceedingly beautiful; leaves deep green, bright and very glossy. Especially adapted for hedges at the seashore; easily transplanted. Unlike a fence which needs painting, repairing, etc., and then never looks well. This hedge is no further expense after planted, and it adds dignity and charm to any home, and increases the value of real estate. Being absolutely hardy, it increases in its beauty with each successive year, and the possibilities are amply displayed at some of the model suburban home grounds in and around Philadelphia.

Plant from October 1st to November 15th, and from March 15th to May 15th. Ask for our special free circular on California Privet.

Height	Doz.	100	1000
1-yr.-old, 18 to 24 in., 3 to 4 branches	$0.60	$3.00	$25.00
2-yr.-old, 24 to 30 in., 5 to 8 branches	.75	4.00	37.50
2-yr.-old, 30 to 36 in., 8 to 10 branches	1.00	5.00	45.00

GOLDEN OR VARIEGATED-LEAVED PRIVET

In form and habit like the California variety, but each leaf is margined and blotched golden yellow, giving it a striking appearance.

Bushy Plants, 18 to 24 inches high, 15c. each; dozen, $1.50; $10.00 per 100.

BERBERIS THUNBERGII (Japanese Barberry)

A good, hardy plant of low dense growth. There is an air of grace and refinement to the Barberry Bush, which is not embodied in any other hedge plant. It is a brilliant light green from early spring to winter. It has a manner of growth which does not give it the stiff, cold appearance which many other hedge plants have. It should really be regarded as a shrub, as it can be planted individually in lawn or border. The slender branches are prickly with small thorns, and tend to make a defensive hedge that few animals will attempt to penetrate. In autumn the foliage is a bright crimson; when it falls a profusion of scarlet berries, which remain throughout the winter, are revealed on the branches.

Price of Berberis

	Doz.	100	1000
1 to 1½ ft.	$1.75	$12.50	$100.00
1½ to 2 ft.	2.00	15.00	120.00
2 to 2½ ft.	4.00	27.50	200.00

MICHELL'S MISCELLANEOUS PLANTS

CLIMBING PLANTS AND VINES

Fine pot grown stock for autumn planting. These are fully described in our Spring Catalogue.

	Each	Doz.
Akebia Quinata. Quick growing vine	$0.25	$2.50
Actinidia Arguta. (Silver Vine)	.50	5.00
Ampelopsis Elegans	.35	3.50
" **Henryana**	.50	5.00
" **Lowii.** (Japanese Ivy)	.40	4.50
" **Quinquefolia.** (Virginia Creeper)	.25	2.50
" **Veitchi.** (Boston Ivy)	.25	2.50
Aristolochia Sipho. (Dutchman's Pipe)	.50	5.00
Bignonia Grandiflora. (Trumpet Vine)	.50	5.00
" **Radicans**	.35	3.50
Clematis Coccinea. Bright red	.25	2.50
" **Flammula.** (Fragrant Virgin's Bower)	.40	4.00
" **Paniculata.** (Japanese Virgin's Bower)	.25	2.50
Euonymus Radicans	.15	1.50
" " **Vegetus.** (New)	.15	1.50
" " **Variegata**	.15	1.50
Honeysuckle, Chinese Evergreen. 4 inch pots	.25	2.50
" " " 6 inch pots	.50	5.00
" **Halleana.** 4 inch pots	.25	2.50
" " 6 inch pots	.50	5.00
" **Variegated Leaved.** 6 inch pots	.50	5.00
Ivy, English. 4 inch pots	.25	2.50
" " 6 inch pots	.50	5.00
Kudzu Vine. (Pueraria)	.30	3.00
Lathyrus Latifolius. Pink Beauty	.25	2.50
" " Albus	.25	2.50
" " White Pearl	.35	3.50
Schizophragma Hydrangeoides. (Cl. Hydrangea)	.75	7.50

BOXWOOD (Untrimmed, Bush Shaped)

This variety is a familiar sight on the lawns or along walks of many of our old historic homes. The small, dark green leaves are always fresh or glossy. Being of evergreen nature, and perfectly hardy, they are indispensable for planting in window boxes during winter. We offer these in extra strong plants in the following sizes.

	Each	Doz.
10 inches high	$0.40	$4.00
12 inches high	.50	5.00
15 inches high	.75	7.50
18 inches high	1.00	10.00

A Window Box Planted with Boxwood

Plants ship best by express. No Plants sent C. O. D.

Azalea Mollis

Hardy Azaleas

Amoena. Dwarf bushy shrub; covered in April and May with masses of purplish-red double flowers, which last from 3 to 4 weeks. The foliage remains all winter, when it takes on a coppery-red shade. 12 in. diam. heads. $1.00 each; per doz., $10.00; $80.00 per 100.

Anthony Koster. A type of the Mollis variety, with exceptionally large flowers of a golden orange. The color is very bright and the sort is considered the best of the Mollis varieties; flowering in May; plants with 12 to 15 buds. $1.25 each; per doz., $12.00; $90.00 per 100.

Mollis. Of dwarf bush-like habit, with light green leaves. The flowers are as large as the Azaleas, usually seen in greenhouses. There are but three colors of it, yellow, orange and red; it blooms about the middle of May. When massed in a large bed they create a particularly beautiful spot; mixed colors. Plants, 15 to 18 inches. 75c. each; per doz., $7.50. $55.00 per 100.

Our stock in this Department is extra fine. In the majority of cases, specimens are so large that it is impracticable to mail them. Therefore we recommend shipping small lots by express, large numbers by freight. Flowering shrubs are all of a size to bloom the first season after planting. **Shipping season October and November.**

HARDY AZALEAS (*Continued*)

Hinodegiri. A much more brilliant variety than Amoena. Grows 2½ feet high and is literally smothered with masses of bright, fiery red single flowers in April and May. Strong plants, 12 inches diameter. $1.00 each; doz., $10.00; 100, $80.00.

Hinamayo. Delicate deep pink flowers. This looks well planted among the Amoena and Hinodegiri varieties. 8 to 10 inch; well-budded plants. $1.00 each; doz., $10.00. $80.00 per 100.

Japonica Alba. Late flowering, resembling somewhat the Greenhouse varieties. Pure white large flowers, very showy among bright colored flowering shrubbery. 12 to 15 inch plants. $1.25 each; doz., $12.50; $90.00 per 100.

J. C. Van Tol. A type of the Mollis variety, but much larger, flowering bright red; a fine contrast when planted with A. Koster variety; plants with 20 to 25 buds. $1.00 each; doz., $10.00; $80.00 per 100.

Yodogama. In May this variety is a mass of lavender pink; flowers very distinct; plants, with 12 to 15 buds. $1.00 each; doz., $10.00; $80.00 per 100.

Hardy Rhododendrons

No plants are more gorgeous or effective than these, even when not in flower the evergreen plant is attractive, the immense flower heads which appear in May almost cover the plant which increases in size and beauty each year.

They require good garden soil, which should be dug 30 to 36 inches deep and mixed with peat or leaf mould. It is advisable to protect with leaves or brush during winter. When Rhododendrons have finished blooming the old flower should be cut off; this ensures blooms the following season.

Album Elegans. Pure white, gigantic flower heads.
Caractacus. Crimson or blood red, a handsome shade.
Chas. Dickens. Red, a shade between light and dark.
Everestiana. Lavender, very delicate and of great beauty.
Fastuosum (*Double*). Lavender; very large flower heads.
Lady Gray Egerton. Blush white, very delicate.
Roseum Elegans. Rose pink, large flowers.
James MacIntosh. Scarlet; a rich glowing shade.

Price of any of the above, 18 to 24 inches high, with plenty of buds, $1.50 each; per doz., $15.00; $100.00 per 100.

We are prepared to quote prices on car lots of native Rhododendrons for large plantings.

Amygdalus (Flowering Almond)

Rubra Flore Pleno Nana. Erect, slender branches, which are covered in May with small, very double, fragrant, pink flowers. Strong plants, 1½ to 2 foot. 60c. each; doz., $6.00.

Andromeda (Lily of the Valley Shrub)

A suitable companion for planting as edging of Rhododendron and Hardy Azalea beds.

Japonica. Evergreen foliage with racemes of beautiful white flowers. Very hardy. Strong plants, 12 inches high. $1.00 each; doz., $10.00.

Altheas (Rose of Sharon)

These thrive almost anywhere, producing their bloom from July till September. The varieties listed below are the very best of this class of plants.

Alba Plena. Pure white; double.
Atropurpurea Plena. Double purple.
Coerulea Plena. Double blue.
Duchess de Brabant. Double; deep red.
Grandiflora Superba. Double blush with crimson center.
Totus Albus. Single; pure white.

Price of any of the above in strong plants, 2 to 3 feet high. 35c. each; per doz., $3.50; $25.00 per 100.

Azaleas (see page 80)

Berberis (Japanese Barberry)

Thunbergii. A good, hardy plant of low, dense growth for lawn or border. It is a brilliant light green, spring to winter. The slender branches are prickly with small thorns, and tend to make a defensive hedge that few animals will attempt to penetrate. In autumn the foliage is a bright crimson; when it falls, a profusion of scarlet berries, which remain throughout the winter, are revealed on the branches.

	Doz.	100	1000
1 to 1½ feet (plant 8 to 10 inches apart)	$1.75	$12.50	$100.00
1½ to 2 feet (plant 10 to 12 inches apart)	2.00	15.00	120.00
2 to 2½ feet (plant 12 inches apart)	4.00	27.50	200.00

Atropurpurea (*Purple Barberry*). Of erect growth, with purplish foliage. In the early spring it bears small yellow flowers and in the autumn with bright red berries, 2½ to 3 foot plants. 25c. each; per doz., $2.50; $18.00 per 100.

Calycanthus (Sweet Shrub or All Spice)

Floridus. Chocolate-colored double flowers, with a peculiar, agreeable odor. Blooms in June. A common shrub in old gardens. 30c. each; per doz., $3.00.

Cerasus (Flowering Cherry)

In the spring these trees are buried under a wealth of bloom, which is strung along the branches.

Double White-Flowering Cherry. Numerous white flowers conceal the branches in May; 4 to 5 feet. $1.50.
Double Pink-Flowering Cherry. Beautiful pink flowers make this a very ornamental tree for lawn decoration; 6 to 7 feet. $1.75.

Cytisus (Golden Chain)

Laburnum. A large shrub with shining green leaves and racemes of Wistaria-like yellow flowers, which appear in early summer, 3 to 4 ft. plants. 50c. each; doz., $5.00.

Clethra (Sweet Pepper Bush)

Alnifolia. Of low and dense growth; has numerous spikes of small white fragrant flowers appearing in July; desirable for moist places or along water edges. 30c. each; doz., $3.00.

Cercis (Judas or Red Bud)

Canadensis. A tall slender growing shrub, developing eventually into a large tree. Very early in the spring the leafless branches are covered with delicate deep pink flowers. When in full bloom, they make a gorgeous show. 3 to 4 foot plants, 60c. each; per doz., $6.00.

Chionanthus (White Fringe)

Virginica. In May and June the tree is covered with long, fluffy panicles of fine white bloom. Strong plants, 2 to 3 feet, 35c. each; per doz., $3.50.

Cornus (Dogwood)

This plant is so well known, that it hardly needs description. The flowers appear before the foliage in May. In the autumn takes on a rich crimson shade.

Florida (White Flowered Dogwood). Strong plants, 2 feet, 35c. each; doz., $3.50.
Rubra (Pink Flowered Dogwood). 2 foot. 80c. ea.; doz., $8.00.

Exochorda (Pearl Bush)

Grandiflora. A profuse bloomer in the early summer. Flowers star shaped, sometimes an inch in diameter; pure white. 2 to 3 feet. 35c. each; per doz., $3.50.

Eleagnus (Japanese Oleaster)

Longipes. A desirable nearly evergreen shrub of medium height, with light green foliage, which is silvered on the under surface. The orange-scarlet colored berries are very attractive during late summer. Each, 30c.; $3.00 doz.

Erica (Heath)

This is a species of Heather, which flowers in July, and is a mass of bloom at that time.

Vulgaris. Rosy red flowers.
" **Alba.** White.

Strong plants of the above, 35c. each; doz., $3.50.

Deutzia

The Deutzias are among the most useful of our summer flowering shrubs. For planting either individually or in masses they are very attractive. They can be used for cut flowers.

Candidissima (*Fl. pl.*). Abundant racemes of double, pure white flowers in June, luxuriant foliage and fine habit. 2 to 3 foot plants.
Crenata (*Fl. pl.*). Double flowers white, tinged with rose, blooming in June. 2 to 3 feet. Plants, 18 to 24 inches.
Gracilis. Of dwarf, bushy habit. White flower.
Lemoinei. Very dwarf and compact growing, with very large flowers of purest white. One of the best of the Deutzias. Plants, 12 to 18 inches.

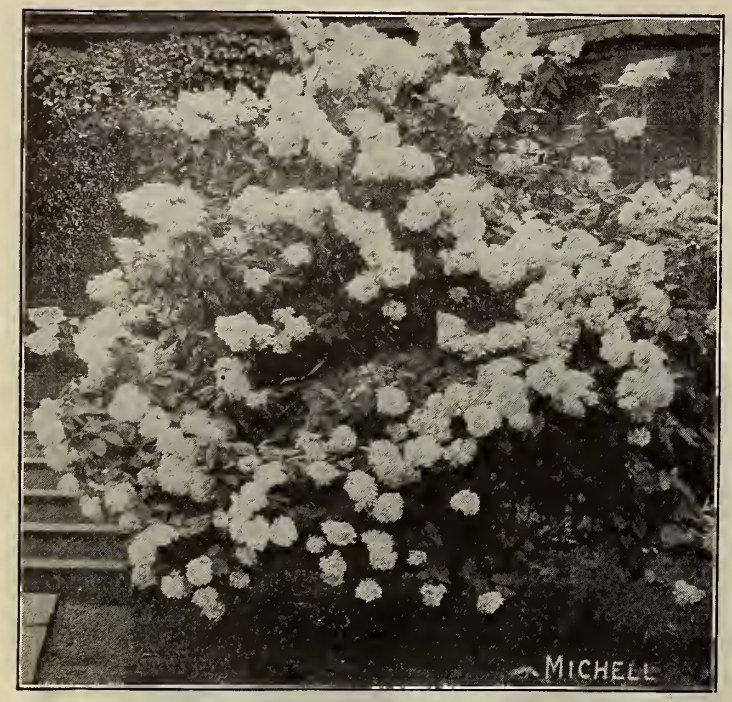
Price of the above (except where noted), 30c. each; doz., $3.00.

Forsythia (Golden Bells)

Bright golden yellow, star-shaped flowers burst into bloom just as winter is leaving and while the bush is otherwise bare. In fact, when in flower, nothing else but bloom can be seen.

Fortunei. Erect growing with dark green foliage; strong plants.
Suspensa. Of graceful drooping habit, can also be trained for covering arches and trellis work. Plants, 2 to 3 feet.
Viridissima. Of erect growth and spreading branches, narrow glossy foliage; one of the first to bloom. 2 to 3 feet plants.

Price of any of the above Forsythias, 30c. each; doz., $3.00.



Hydrangea Paniculata Grandiflora

Hydrangea

Arborescens Grandiflora Alba (*Snowball Hydrangea*). The snow-white blooms are of the largest size. Coming into flower early in June and lasting until late August. Is more hardy than any other sorts and especially suited to plant in shaded places. 30c. each; $3.00 doz.

Paniculata Grandiflora. The large panicles of white flowers are at their best during August; later they take on a reddish cast. These plants look fine used as single specimens on the lawn or grouped in large beds. Strong bush form plants, 30c. each; per doz., $3.00. Extra strong stock, 50c. each; per doz., $5.00.

Paniculata Grandiflora (*Standard or Tree Shaped*). These are fine, planted as individual specimens in the lawn or in the center of beds, containing other plants. Stems, 2 to 2½ feet long with shapely heads. 75c. each; per doz., $8.00.

Hydrangea (Otaksa Varieties) (see page 78)

Kalmia (Mountain Laurel)

For planting in conjunction with Rhododendrons and Evergreens, the Laurel fills an important part. Foliage is evergreen and about May and June, according to locality, the plant is a mass of flowerheads, resembling somewhat the Rhododendron.

Latifolia. A delicate pink, changing to white as they expand. Grows best in woodland or under trees. Strong plants, 18 to 24 inches, 75c. each; per doz., $7.50; $50.00 per 100.

Kerria (Globe Flower or Corchorus)

Shrubs with light green branches. Does well in any soil, in shaded or open locations flowering in May and June.

Double-flowered. Of medium size; double yellow flowers. Plants, 2 to 3 feet high. 35c. each; per doz., $3.50.

Lonicera (Honeysuckle)

Morrowi (*Japanese Bush Honeysuckle*). An open bush with irregular branches. The foliage is dark green with small white flowers, which appear during May. During the late summer and early autumn the plant is covered with bright red berries. Plants, 2 to 3 feet.

Tartarica (*Tartarian Honeysuckle*). An old-fashioned useful shrub with small fragrant flowers, some pink, others crimson and blush. These are followed by attractive reddish-orange berries. Plants, 2 to 3 feet.

Price of the above Loniceras 30c. each; doz., $3.00.

Philadelphus (Mock Orange or Orange Blossoms)

A shrub that can always be depended upon to give splendid satisfaction. No insects bother it, and in May and June, the bushes are literally covered with flowers.

Coronarius. Handsome foliage and beautiful white flowers, quite fragrant. Plants, 2 to 3 feet.

Grandiflorum. A tall growing white variety, robust grower. Plants, 2 to 3 feet. 25c. each; doz., $2.50.

Lilac (Syringa) (See illustration on page 83)

Description of this is hardly necessary to be given, as this is favorably known to most everyone

Pot-Grown Plants Suitable for Forcing.

Chas. X. Large reddish purple with heavy trusses.

Marie Le Grey. Single, pure white, of wonderful fragrance.

Mme. Casimir Perier. Double, pure white, with large individual flowers of exquisite odor; grand for cutting.

President Grevy. Large panicles; double blue flowers; very fine.

Souvenir de Louis Spaeth. Deep purplish-red flowers in compact trusses.

Price of any of the above pot-grown Lilacs in extra strong fine plants, $1.00 each; per doz., $11.00.

Field-Grown Plants. (See above for description.)

Charles X, Marie Le Grey, Mme. Casimir Perier, President Grevy, Souvenir de Louis Spaeth.

Extra strong plants of the above, field grown, 50c. each; doz., $5.50.

Vulgaris. Common purple, sweet-scented Lilac. 30c. each; doz., $3.25.

Vulgaris Alba. Pure white type of the above, but more fragrant. 30c. each; doz., $3.25.

White Persian. Very early flowering; pure white, sweet scented. 40c. each; doz., $4.00.

Persian. Early purple flowering; very profuse. 40c. each; doz., $4.00.

Strong plants of the above, 18 to 24 inches high, at the prices noted.

For List of Lilacs see opposite page

Prunus

Pissardi (*Purple-leaved Plum*). A tree-like shrub with dark purple leaves that keep their lustrous colored foliage right up till frost, having small pinkish white flowers in early spring. Plants, 4 to 5 feet. 35c. each; doz., $3.50.

Triloba (*Double-flowering Plum*). Double pink flowers in April. The plants are 2 to 3 feet high. 40c. each; doz., $4.00.

Pyrus

Japonicus (*Japan Quince*). This shrub is a beautiful sight, when covered in the early spring with cherry-red flowers about the size of an apple blossom. After the flowers fall, many of them set fruit, which is edible, making the finest Quince Jelly for preserves. This plant can also be used for hedge effects, and on account of the thorny nature it is a good barrier against cats, dogs and other animals. Extra strong plants, 35c. each; doz., $3.50.

A Pot Grown Japanese Dissectum Maple can develop into a beautiful specimen like this for the lawn.

Maples (Japanese) (Acer Japonicum)

Hardly anything in plants or shrubs is more attractive than these, especially in the early spring, just after they burst into foliage. For planting in groups, in shaded positions or even in the full sun, they are especially adapted, or as individual specimens on the lawn or in borders they are fine.

Japonicum Atropurpureum. Red leaved Japan Maple. Very fine foliage, which becomes more intense red, as the season advances, at times these revert again in the growing season, but as the plants become older, the fixed color of red becomes more permanent. Extra strong plants, in pots, 18 to 24 inches high, $1.25 each.

Japonicum Dissectum. Dark red, very fine cut fernlike foliage; the plants have a low, spreading habit. Strong plants, in pots, 12 to 18 inches, $1.25 each.

Aureum. A delicate shade of greenish yellow, which varies somewhat during the season. This, massed amongst others with dark foliage is a treat for the eye. Extra strong plants, in pots, 12 to 18 inches, $1.25 each.

Rhus (Purple Fringe or Smoke Tree)

Cotinus. In July this is made very attractive, because of the light, airy or mistlike panicles of dark purplish blooms. Strong plants, 2 to 3 feet, 35c. each; doz., $3.50.

Rhododendrons (See page 80)

Spirea Prunifolia (Bridal Wreath)

Spirea

This group embraces a wide variety, so much so that frequently one might suppose that the plants belong to a different family, from this it can be seen that a collection of them will make an effective variety.

Anthony Waterer. Of dwarf, dense habit, bearing a profusion of crimson flowers. 2 to 3 feet, 30c. each; per doz., $3.00.

Opulifolia Aurea. Bears an abundance of fragrant white flowers in clusters during June; the leaves are golden in spring but darken as the season advances. Plants, 2 to 3 feet, 30c. each; doz., $3.00.

Prunifolia (*Bridal Wreath*). The pretty double white flowers are all along the almost leafless stem about May 1st just as the leaves are budding. Plants, 2 to 3 feet, 30c. each; per doz., $3.00.

Van Houttei. This handsome species is the most desirable. The exceedingly beautiful white flowers appear in May in great profusion, a strong, robust grower. It is of compact habit and a beautiful ornament for the lawn. Plants, 2 to 3 feet, 30c. each; per doz., $3.00.

Thunbergii. A graceful bush, bearing in April and May innumerable small, white flowers with dainty foliage. Plants, 2 to 3 feet, 35c. each; doz., $3.50.

Reevesii Flore Plena. Double flowers in May and June, which last several weeks longer than most other varieties, making one of the best flowering shrubs. Pure white, 2 to 3 feet, 30c. each; doz., $3.00.

Sambucus

Aurea (*Golden Elder*). Attractive by its golden foliage and desirable to mix with other shrubs to relieve the sombreness of green. 30c. each; doz., $3.00.

Symphoricarpus

Racemosus (*Snowberry*). Small red flowers are succeeded by many white berries, remaining on the plant through half the winter. Plants, 2 to 3 feet, 30c. each; doz., $3.00.

Staphylea (Bladder Nut)

Colchica. A tall growing shrub, flowering in May; the pure white flowers are very attractive and fragrant, produced in clusters. 35c. each; doz., $3.50.

Tamarix

Tall growing shrubs of irregular shape, with fine feathery foliage. The branches are covered with small delicate flowers, and even, when not in bloom, the bush makes a pretty sight.

Africana. Pink flowers, blooming in May.

Hispida Aestivalis. Pink flowers, borne in July and August, when other shrubs are out of bloom.

Indica. A strong growing variety, yielding delicate pink flowers in the late summer.

Price of any of the above Tamarix, extra strong plants, 30c. each; doz., $3.00.

Viburnum

Carlesi. A new Japanese variety of a compact bushy habit, **bearing sweet-scented white flowers,** somewhat after the style of a Bouvardia. This is a splendid addition to the Viburnums on account of its great beauty and its exquisite odor. It should be included in every collection of flowering shrubs. 75c. each; doz., $8.00.

Plicatum (*Japanese Snowball*). A desirable shrub. Should be in every garden or on the lawn; perfectly hardy, blooming in June. *Extra fine plants*, 2 to 3 feet, 35c. each; per doz., $3.50.

Viburnum Opulus Sterilis (*Guilder Rose or Snowball*). Of spreading habit, bearing flat clusters of single white flowers, which afterwards produce brilliant red berries, which hang to the plant all winter; very decorative. Strong plants, 2 to 3 feet, each 30c.; $3.00 per doz.

Vitex (Chaste Tree)

Agnus Castus. Attractive, graeeful shrub, growing about 6 feet high. Towards end of summer it produces spikes of lilac shaded flowers. 30c. each; doz., $3.00.

Weigelia

Abel Carriere. Blossoms are of a bright rose; one of the best; extra strong. 35c. each; doz., $3.50.

Amabilis. A pink flowering variety, in bloom during June and July; extra strong plants, 2 to 3 feet, 30c. each; doz., $3.00.

Candida. Flowers abundantly in June and July, additional bloom is also shown during the autumn months. The tube-shaped flowers are pure white; fine for cutting. Plants, 2 to 3 feet, 30c. each; doz., $3.00.

Eva Rathke. Of erect form and vigorous habit. The deep carmine-red flowers are the best of the red-flowering sorts. 30c. each; per doz., $3.00.

Rosea. Fine rose-colored flowers, considered one of the finest of flowering shrubs. Blossoms in May. Plants, 2 to 3 feet, 30c. each; per doz., $3.00.

Sessifolia syn. lutea. Of strong growth, with clusters of yellow flowers; very hardy. Desirable on account of its attractive foliage, which turns a reddish brown. 50c. each; per doz., $5.00.

SPECIAL OFFER
COLLECTION OF HARDY FLOWERING SHRUBS

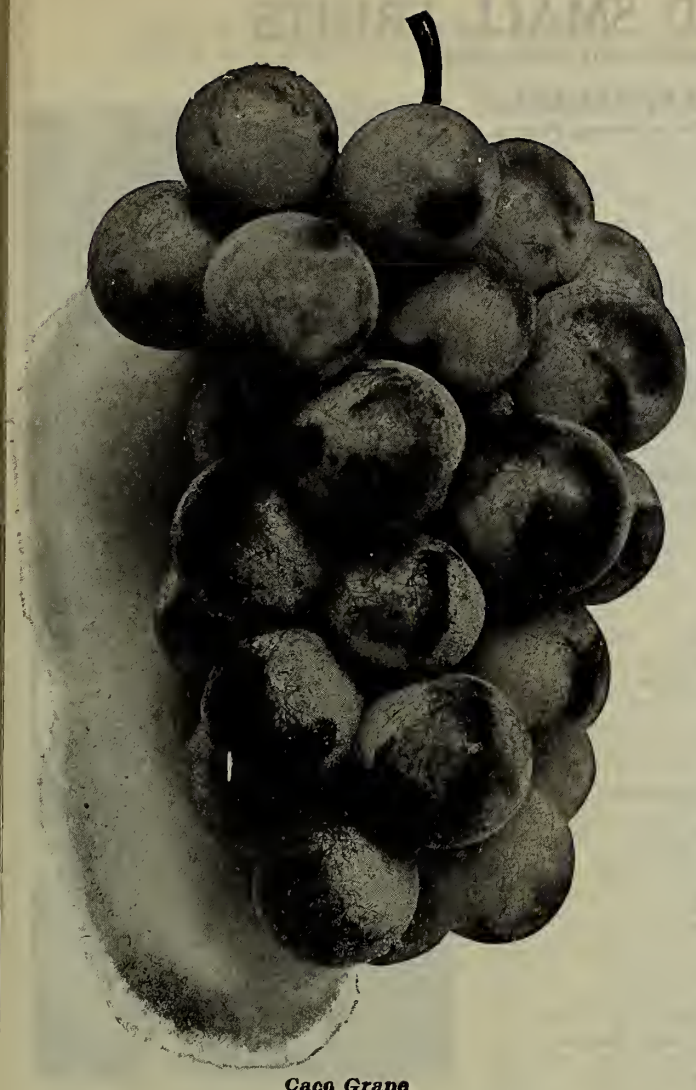
For those who are uncertain as to the proper selection of desirable shrubs we offer in our selection:

Collection No. 1. 6 flowering shrubs, 6 choice sorts, our selection of varieties, total $1.50.

Collection No. 2. 12 flowering shrubs, 12 choice sorts, our selection of varieties, total $2.75.

These collections of Shrubs **cannot** be sent by parcel post, shipment by express or freight enables to send larger plants.

NEW VARIETIES OF POPULAR FRUITS



Caco Grape

CACO GRAPE (A cross between Concord and Catawba)

The most delicious of all Grapes—perfectly hardy, has been pronounced by America's most expert grape growers *to equal in high quality and melting texture* the finest varieties grown under glass. When one considers the price of the greenhouse product and realizes that the wonderful Caco can be grown in the back yard, almost without attention, the force of the above statement is apparent.

The large berry is wine-red. Bunch of good size, compact and of good form. Ripens ten days to two weeks in advance of Concord; rich in sugar, excellent in flavor. Vine a very strong vigorous grower, healthy and prolific.

Fruit for past two years sold in open market by the crate at more than double the price of any other variety.

Awarded a medal by the American Institute of New York; the highest honor ever conferred a variety of fruit by this (time honored) institution. We cannot recommend the Caco too highly.

Very strong vines, 2 years, each, 50c.; dozen, $5.00; 100, $35.00. (Parcel Post Weight, 1 lb. each).

STAR BLACKBERRY

Imagine picking great clusters of giant sized Blackberries from canes that resemble grape vines. This is what you can do if you plant the Star Blackberry. The yield is so great that over eighty quarts of berries have been picked from a single plant of it in one season.

Train to a stake or trellis or over an arbor as grapes are grown—and give them plenty of room.

Berries large, of attractive appearance and rich, sprightly and luscious quality. They keep in good condition for a long time and can be safely shipped almost any distance. The ideal berry for the home garden. Transplanted plants, which should bear next season, each, 20c; dozen, $2.00; 100, $12.50.

(Parcel Post Weight, each, 1 lb.; 5 lbs. per doz.).

A Single Cluster of Star Blackberry

NEW EVERBEARING RASPBERRY "RANERE"

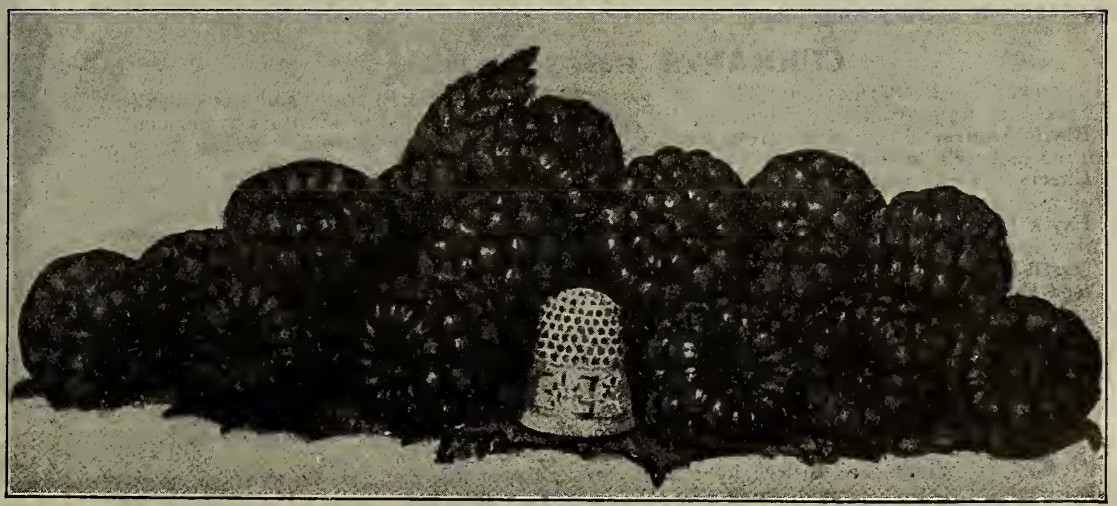
It yields its first crop of berries in June (the regular season), and yields an equally heavy crop the latter part of August, and continues bearing right up to November.

It thrives equally well on sandy and heavy soil. The fruit is large, of a beautiful crimson color, very sweet and juicy and is borne in great abundance, and does not seem to sunscald as easily as other sorts, last season we had a photo made of a stalk which had by actual count 169 berries on one stem, this will give some idea of its free fruiting qualities.

We will send out strong plants, which, from our experience in the past, should bear the first season.

Price: 60c. per doz., per 100, $4.00; $17.50 per 500; $30.00 per 1000.

(Parcel Post Weight, per doz., 5 lbs.).



The Wonderful Everbearing Raspberry "Ranere"

Plants in quantities larger than a few can best be shipped via express or freight. No Plants sent C. O. D. (hc)

MICHELL'S SELECTED SMALL FRUITS

(SHIPPING SEASON IN OCTOBER AND NOVEMBER)

Blackberry Mersereau

BLACKBERRIES (Extra Strong Plants)

Eldorado. A very vigorous grower, free from mildew or rust, enormously productive; fruit large, excellent quality, free from core. Per doz., 60c.; $3.00 per 100.

Erie. Very productive; free from rust; fruit of good quality. 75c. per doz.; $3.00 per 100; $20.00 per 1000.

Ohmer. Canes hardy; fruit very large; of excellent quality, firm, with no core, and sweet before soft or fully ripe. 60c. per doz.; $3.50 per 100.

Mersereau. Remarkably strong grower. An enormous producer of extra size berries which are brilliant black and retain their color under all conditions; sweet, without core. Unsurpassed as a shipper and keeper. Per doz., 75c.; $4.00 per 100.

Rathbun. Fruit is of enormous size, single specimens measure one and three-quarters inches in length, firm and sweet, with no core. Plant is very hardy. 60c. per doz.; per 100 $3.00.

Star (*New*). (*Everbearing.*) See page 85 for a full description of this. 20c. each; $2.00 per doz.; per 100, $12.50.

Ward. A new blackberry of great merit. A seedling of the Kittatinny, which it resembles somewhat. A very strong grower; it is perfectly hardy. The fruit is black throughout, very prolific and firm. 60c. per doz.; $4.00 per 100.

We consider the above the best varieties in commerce.

Note.—If Blackberries are desired by Parcel Post allow 5 lbs. per dozen for postage, as we send out only extra strong plants which generally bear some the first season.

We consider the above varieties the best in cultivation.

Note.—If Raspberries are desired by Parcel Post, allow 5 lbs. per doz. for postage, as we send out extra strong plants.

RASPBERRIES

Extra Strong Plants

Raspberries should be carefully staked, to get large crops. We recommend that well-rotted manure or other suitable fertilizer be dug around the bushes, either in the fall or early spring.

Brilliant. Ripens its fruit early and fast, producing bright, glossy, brilliant red berries, handsome. $1.00 per doz.; per 100, $5.00.

Cumberland (*Blackcap*). The largest raspberry known. Selected specimens measure an inch in diameter, immensely productive. Season a little in advance of Gregg. 60c. per doz.; per 100, $3.00.

Cuthbert. Berries very large, measuring 3 inches around; conical; rich crimson. 60c. per doz.; per 100, $3.50.

Columbian. Fruit very large, often an inch in diameter; color dark red, bordering on purple. 75c. per doz.; per 100, $3.50.

Gregg (*Black*). Large, firm, of good quality, ripening late. Exceedingly productive. 60c. per doz.; per 100, $3.50.

Golden Queen. Berries are large, of beautiful bright yellow, of excellent quality; medium to late. Per doz., 75c.; $3.50 per 100.

Ranere (*Everbearing*). A full description of this will be found on page 85. 60c. per doz.; per 100, $4.00.

Raspberry Brilliant

CURRANTS (Extra Strong Plants)

Currants like good rich soil. They are particularly susceptible to scale, and steps should be taken to keep them free from this by liberal spraying, when the bushes are dormant.

Black Naples. Fruit varies from small to large, averaging above medium; strong flavor. An old and well-known variety.

Cherry. Bush vigorous, stocky and compact; cluster rather short, with short stems; fruit averages large; color fine, bright red. One of the most productive of the large currants.

Fay's Prolific. Not quite so strong a grower as Cherry; cluster medium to long, with rather long stems; color darker than Cherry.

North Star. Bush very vigorous, upright, somewhat spreading; clusters medium length.

Red Dutch. An old and well-known standard variety; clusters average about three inches long; berries medium in size, dark red.

Versailles (*La Versailles*). Bush a vigorous, somewhat spreading grower. Very similar to Cherry in habit of growth and character of fruit.

White Grape. Clusters long; berries very large; of very attractive color, mild flavor and good quality.

Price, any of the above varieties of Currants, strong 2-year-old, 15c. each; per doz., $1.25; $8.00 per 100.

Note.—If Currants are desired by Parcel Post, allow 5 lbs. per doz. for postage, as we send out extra strong plants, which generally bear some the first season. The varieties we list are among the best.

Currant White Grape

MICHELL'S SELECTED SMALL FRUITS

(SHIPPING SEASON IN OCTOBER AND NOVEMBER)

GRAPE VINES

Brighton. Bunch large, well formed; berries above medium to large, round; excellent flavor and quality. One of the earliest in ripening.

Caco (New). A full description of this variety will be found on page 85. Extra strong vines, 50c. each; doz., $5.00.

Campbell's Early. A valuable and delicious grape; vine very strong, hardy and vigorous, with thick, healthy foliage; berries large, black, with light purplish bloom; skin thin; few and small seeds; flavor rich, delicious.

Catawba. Delicious flavor; medium size red berry.

Concord. The well-known standard purple variety, succeeds wherever grapes will grow.

Delaware. Bunches and berries rather small; light red; juicy.

Green Mountain. A very early grape of the best quality; of medium size; color, greenish-white; almost melting in the mouth; vine vigorous, healthy and productive.

Moore's Diamond. A strong healthy grower, hardy and productive; color, white; berries large, flesh tender, juicy, but with little pulp; ripens before Concord.

Moore's Early. Berry large, with heavy blue bloom. Vine exceedingly hardy; desirable for an early market.

Niagara. An unusually strong grower; bunches very large and compact, berries large, light greenish-white, semi-transparent, has very little pulp and is sweet to the centre.

Pocklington. Bunch and berries large, when fully ripe a light golden-yellow. Vine thoroughly hardy, strong grower and productive.

Vergennes. Berries large, holding firmly to the stem; light amber; rich and delicious.

Worden. A beautiful, large black grape; larger, earlier and decidedly better than Concord.

Wyoming. Vine very hardy, healthy and robust. One of the most beautiful of the amber or red grapes, and in size nearly double that of the Delaware. Flesh tender and sweet, with a strong native aroma. Ripens before Delaware.

SPECIAL OFFER. We have an extra fine stock of most of the varieties which are described above, in strong 3-year-old vines. These will invariably produce fruit a year after planting, which makes it well worth while to plant 3-year-old stock.

Our stock of these, however, in some varieties is limited and constantly changing; we therefore suggest that customers allow us to send, in case we are sold out of the varieties they want, a good substitute, which in any event will be equal to or better than the variety they have ordered of the same color.

PRICES. Strong 2-year-old vines, except where noted. 25c. each; doz., $2.50; $15.00 per 100. Extra strong 3-year-old vines, which generally bear the following season, 50c. each; doz., $5.00; $30.00 per 100. Parcel Post Weight on Grape Vines, 2-year-old, 1 lb.; 3-year-old, 2 lbs.

GOOSEBERRIES (Extra Strong)

Gooseberries should be cultivated during the growing season and fertilized with manure in the early spring or late fall. They will repay you for this trouble with an extra big crop.

Industry. An English variety quite hardy here; the large red berries are produced in quantities. 20c. each; doz., $2.00; $15.00 per 100.

The Pearl. Large pale green fruit of exceptional quality; very sweet. 15c. each; doz., $1.60; $12.00 per 100.

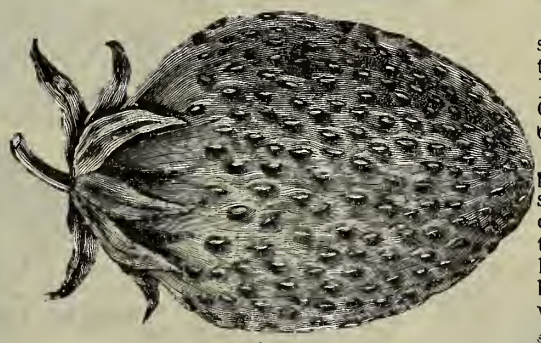
Downing. Fruit medium to large, whitish green; flesh soft, juicy. Each, 15c.; per doz., $1.50; per 100, $10.00.

Houghton. Bush a vigorous grower, with rather slender branches; very productive. Fruit medium size, pale red, tender and good. 20c. each; per doz., $2.00; $12.50 per 100.

Red Jacket. Of American origin, possessing all the good qualities of the English type, and withstanding our severe climatic conditions with impunity. A wonderful cropper, with clean healthy foliage. 20c. each; doz., $2.00; 100, $12.50.

Note—Parcel Post Weight on Gooseberries, 5 lbs. per doz.

POT GROWN STRAWBERRY PLANTS



Auto

For full description of these see our July Catalog. Copy mailed on request.

These can be planted with splendid success in September and as late as October, and they will produce a good crop next season.

	Dozen	100	1000
Auto (Perfect). Mid-season	$0.60	$3.50	$30.00
Abington (Perfect). Early	.70	4.00	37.50
Barrymore (Perfect). Mid-season	.60	3.50	30.00
Big Joe (Perfect). Mid-season	.75	5.00	40.00
Brandywine (Perfect). Mid-season	.60	3.50	30.00
Bubach (Pistillate). Mid-season	.60	3.50	30.00
Chesapeake (Perfect). Late	.60	3.50	30.00
First Quality (Perfect). Mid-season	.60	3.50	30.00
Gandy (Perfect). Late	.60	3.50	30.00
Glen Mary (Pistillate). Mid-season	.60	3.50	30.00
Marshall (Perfect). Early	.60	3.50	30.00
Nick Ohmer (Perfect). Mid-season	.60	3.50	30.00
Rewastico (Perfect). Mid-season	.80	5.00	40.00
Senator Dunlap (Perfect). Early	.75	5.00	40.00
Steven's Late Champion (Perfect). Late	.80	5.00	40.00
Success (Perfect). Early	.60	3.50	30.00
Wildwood (Perfect). Early	.60	3.50	30.00
Wm. Belt (Perfect). Mid-season	.60	3.50	30.00

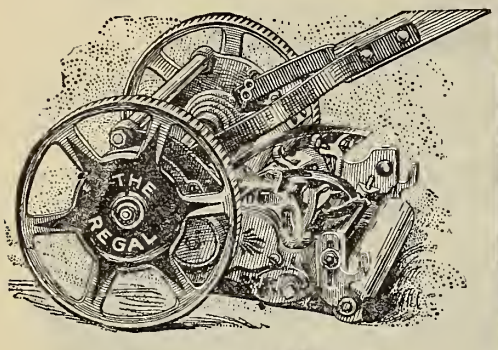
Prices of Extra Strong Layer Plants, ready after October 1st. 25c. per doz.; per 100, $1.25; $7.50 per 1000, by express not prepaid. **Orders can be booked now.**

AUTUMN OR EVERBEARING STRAWBERRY PLANTS

These are very popular and worthy of extensive planting. **Pot grown plants.**

	Dozen	100	1000
Progressive	$0.75	$4.00	$37.50
Superb	.75	4.00	37.50

Layer Plants of Fall Strawberries ready in October. 30c. doz.; per 100, $1.75; $15.00 per 1000.



LAWN MOWERS

REGAL High Wheel Ball Bearing

14 inch,	5-blade	cylinder.....$9.00
16 "	"	" 10.00
18 "	"	" 11.00
20 "	"	" 12.00

PENNSYLVANIA LAWN MOWERS

Low wheel, 8-inch diameter.

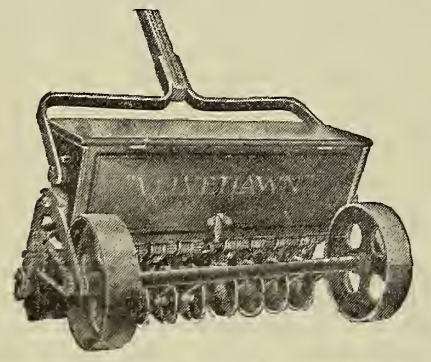
12 inch	$8.00
14 "	9.00
16 "	10.00
18 "	11.00

High wheel, 10½-inch diameter.

15-inch	$12.50
17 "	14.00
19 "	15.50
21 "	17.00

Continental Hand Lawn Mowers can be furnished at the same prices as the Pennsylvania Lawn Mowers.

We can also supply Pennsylvania, Coldwell and Philadelphia Horse Mowers; Continental, Philadelphia and Great American B. B. Hand Mowers. Also Gasoline Power Mowers.



"VELVETLAWN" SEEDER

An excellent machine for properly sowing grass seed on old sod or established lawns or putting greens. It places it in the ground in close furrows, covers and rolls it at one operation. The result is an even, quick growth of grass. May be used for distributing fertilizers as well. Just the thing for properly sowing grass seed in wornout lawns during the summer time, as the seed will sprout quicker.

The hand machine has a capacity of about 1 bu.; sows an area of 16 in. wide.

Hand Machine, with press wheels..$18.00
" " without press wheels 15.00
Horse Machine. Width 48 inches... 45.00

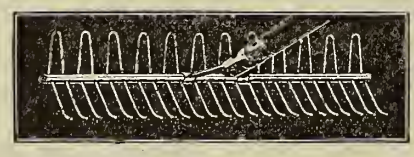
PENNA. LAWN CLEANER

Excellent for cleaning lawns. Will rake perfectly leaves, grass clippings, litter and other debris that gets strewn on lawn. The revolving rake is made of best quality wood with steel wire teeth and springs to allow the rake to pass over reasonable obstructions it might meet. 24-in. width Rake, $16.00; 36-in. width, $25.00.

WHEELBARROWS

No.		Tire	Length	Width	Price
4.	**Eastern** ..	3 in.	26¼ in.	27 in.	$4.50
5.	" ..	3 "	28¼ "	27 "	5.00
2.	**Jacobs** ...	1¼ "	24½ "	23 "	4.00
3.	" ...	1½ "	25½ "	24 "	4.50
4.	" ...	2 "	27½ "	26 "	4.75
2.	**Boys**	1 "	21¾ "	20 "	3.00
	Nu-Way (with drop sides)	1½ "	26½ "	25 "	6.00
	Old Government (with flared body)	1¼ "	31 "	26 "	4.00

Canal—side dump (bolted)..... 2.50
Greenhouse "Special." Narrow body 5.00



LAWN RAKES

No.		
	Ames.	
30X.	Wood, 14 tooth	$0.55
36X.	Wood, wooden bow, 24 tooth...	.70
37X.	Wood, steel bow, 24 tooth.....	.80

No. 205. Automatic (Wooden)

22 tooth.....	$0.50	38 tooth.....	$0.90
26 tooth.....	.60	50 tooth.....	1.35

No. 210. Lawn King (Wooden)

22 tooth.....	$0.30	38 tooth.....	$0.75
26 tooth.....	.50	50 tooth.....	1.00

Ole Olsen (Wooden), 26 teeth.....$0.50
Wire Lawn. 124R (see cut), 24 teeth .50
Wire Lawn. No. 364R. 36 teeth.... .75
No. 342. 42 teeth, very close..... .75
Oak Wood, 14 tooth, for hay..... .50
Plain Wood, 14 tooth, for hay..... .30
Plain Wood, 20 tooth, wire braced.... .35

BOSS LAWN ROLLERS

This has been a popular seller with us for many years. Its beveled edges are one of its best features, besides its ability to be turned very easily.

No.	In. Diam.	In. Wide	Sections	Lbs. Weight	Price
1	15	15	2	150	$7.60
2	15	22	3	200	10.00
3	20	16	2	225	11.25
4	20	20	2	250	12.50
5	20	20	1	250	12.50
6	20	24	3	300	14.75
7	20	24	2	300	14.75

We can supply heavier weight rollers.

DUNHAM'S WATER BALLAST ROLLERS (See cut)

A heavy sheet steel drum, so constructed that it may be loaded to any weight (up to, as noted below) with either sand or water.

No.	Sections	Diam.	Width	Weight Empty	Weight filled with Water	Price
6.	H. W.1	24	24	185	560	$14.80
8.	H. W.1	24	32	200	710	16.40
10.	H. W.2	18	24	160	360	15.60
12.	H. W.2	24	32	230	710	20.40

KEYSTONE LEAF RACKS

Used on wheelbarrows with removable sides, for gathering leaves, cut grass and rubbish; capacity, 10 bushels; made of galvanized wire, bolted to a wooden base. Price, not including wheelbarrow, $4.00.

IRON AND WIRE LEAF RACKS

Excellent for gathering leaves, litter, grass, etc. The trucks of these are so constructed, that they can be attached instantly to a water barrel or stone box.

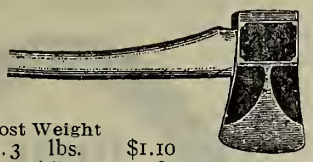
Leaf Rack only, no truck.....$5.50
" " with 1½ inch truck.....11.00
" " with 2½ inch truck.....11.75
" " with 3½ inch truck.....12.50

Water Barrels with trunnions open head 3.50

Stone Boxes with trunnions only... 3.25

We can also supply Water Barrels and Trucks complete.

BEST QUALITY AXES



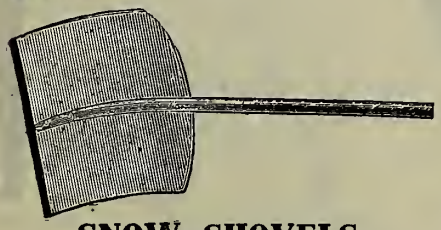
	Parcel Post Weight	
Kelly	3 lbs.	$1.10
Kelly, boys	2½ lbs.	.85

HATCHETS

Best steel, carefully tempered.

601. Heavy..1¾ lbs. $0.70

F. R. Plumb make.



SNOW SHOVELS

No. 16. Adams, wood (see cut), wood-D handles $0.60

No. 1. Phillips, wood, long handle... .50

Snow Shovels are not mailable.

REDDICK'S POTATO SCOOP No. 200

Wire, made of heavy steel wire; very substantial; will not cut or bruise potatoes. Price, $1.75. (Not mailable.)

STIFF HANDLED BASKETS No. 2

½ bushel capacity; made carefully of woven oak. 50c. each; doz., $5.50.

DROP HANDLE OAK BASKET No. 3

½ bushel capacity; with a thoroughly reinforced bottom. 50c. each; $5.50 doz.

No. 2

No. 4

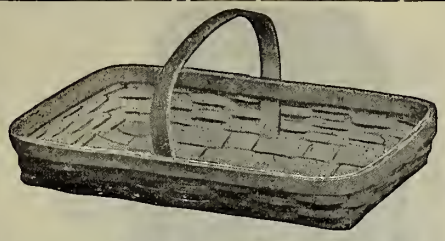
No. 3

OAK BASKET WITHOUT HANDLE No. 4

This pattern is on the market a long while and is preferred by many. Has liberal hand grips and is closely woven.

1 bush. size, 75c. each; doz., $8.00.

½ bush size, 45c. each; doz., $4.75.



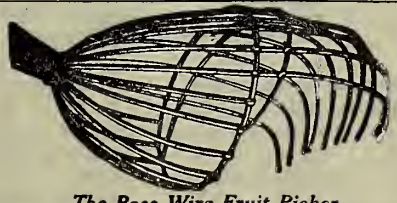
ENGLISH GATHERING BASKET No. 1

For carrying berry boxes, asparagus and other vegetables; made of oak; 12 in. wide, 23 in. long, 4 in. deep. Cannot be sent by Parcel Post. Price, 60c.; $6.50 dozen.

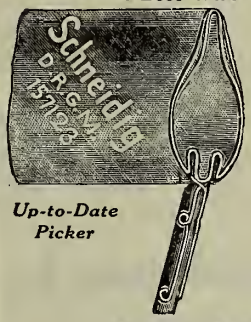
SPLINT OR CHIP BASKETS

These inexpensive baskets are suitable for shipping fruit and vegetables from the garden to the summer or winter home.

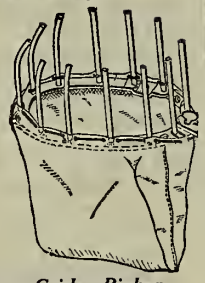
		With Handle	Without Handle
¼ bu.	Per doz.,	$0.65	$0.60
½ bu.	"	.70	.65
¾ bu.	"	1.20	1.00
1 bu.	"	1.65	1.50



The Boss Wire Fruit Picker



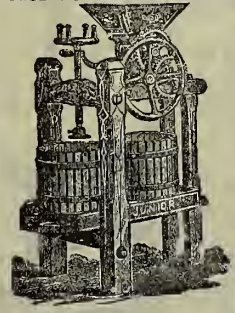
Up-to-Date Picker



Crider Picker

FRUIT PICKERS

	Parcel Post Weight	Each
Boss	2 lbs.	$0.35
Up-to-Date	2 lbs.	.25
Crider's	2 lbs.	.25
Poles for Fruit Pickers.	12 ft. long,	45c.



Cider Mill

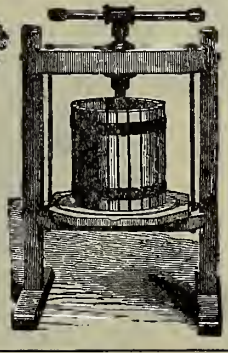
CIDER MILLS

Junior	$12.00
Medium	16.00
Senior	21.00
" for power	25.00
Little Boss.	10.00
Gem No. 0.	8.00
" No. 1.	10.00

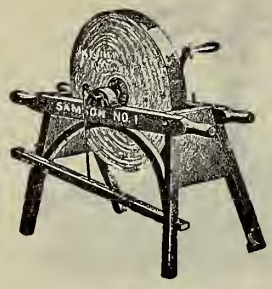
WINE PRESSES

Made of best quality wood, carefully bolted and finished.

No. 1	$4.00
No. 2	5.00
No. 2½	5.75
No. 3	6.25



GRINDSTONES



Cleveland Grindstone

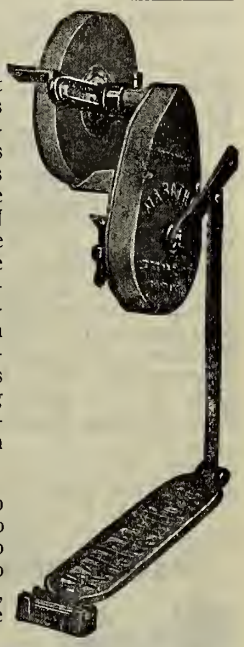
No. 2 Cleveland, 22 inches diam., $4.50.

No. 3 Cleveland, 19 inches diam., $4.00.

Bi-Treadle, complete with seat and pedals, $5.50.

The above prices do not include water cups.

MARATHON TOOL GRINDERS



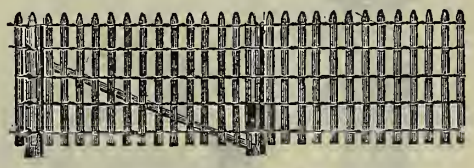
The important point in hand grinding is power. By a combination of cut spur gears and steel-cut pinions arranged as we have in the **MARATHON** a very high speed (the stone travels over five thousand feet a minute) something unheard of before in hand grinding machines. This insures the quickest cutting results from the corundum stone with minimum wear.

No.		
1,	wheel ¾ x 5".	$4.50
2,	wheel 1 x 5".	5.50
3,	wheel 1 x 6".	6.50
4,	wheel 1 x 7".	7.50

If treadle is wanted, add $1.50 to the above prices.

BULL DOG TOOL GRINDER

An excellent device, ball-bearing, with a high-speed carborundum wheel; just the thing for axes, knives, etc. $15.0 each.



WOVEN CEDAR PICKET FENCING

Is tailor-made compared to the ordinary kinds of ready made fencing. Will wear for years absolutely without paint. Readily put up and saves time, labor and expense of fence building. It is far ahead of and will outwear the old style wire fence by many years. In handy rolls of 50, 75 and 100 ft. only:

3 ft. high, with 4 gal. steel double wire cables, 6c. per running foot.

4 ft. high, with 5 gal. steel double wire cables, 8c. per running foot.

5 ft. high, with 6 gal. steel double wire cables, 10c. per running foot.

State height and length of roll required when ordering.

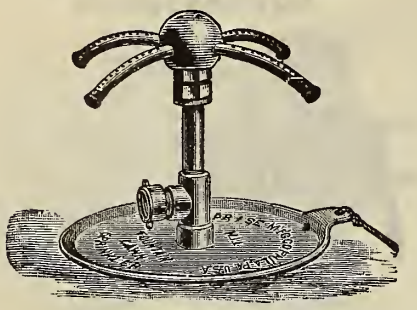
GRAPE GRINDER

Suitable for crushing berries, grapes and similar soft fruit.

Price $3.50

All prices subject to Market Changes

LAWN SPRINKLERS

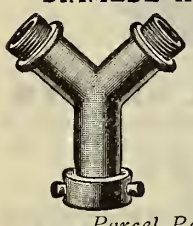


Enterprise Sprinkler

		Weight	Price
Enterprise.	No. 1. 8",	14 lbs.	$3.75
"	No. 2. 8"	14 lbs.	3.00
Ring or Fountain.	Large	1 lb.	.75
Ring or Fountain.	Small	¾ lb.	.50
Hotchkiss.	No. 5. 10½" high.	4 lbs.	1.00
Dayton Rotary Sprinkler.	For golf links or large lawns		7.50
Pluvius.	11" high	3¼ lbs.	1.25
Universal.	No. 65. 10" high.	4¼ lbs.	1.50
Lawn Twin.	Aluminum	½ lb.	.50
Eureka.	No. 55. 10" high	3 lbs.	1.25
Aetna.	24" high	6¼ lbs.	1.75
Peck.	4 arm. 40" high (not mailable)		3.25
Peck.	8 arm. 40" high (not mailable)		3.75
Mayflower.	9½" high	3½ lbs.	1.00
Preston.	5½" high	3½ lbs.	1.25
Waterwitch.	8¾" high	1 lb.	.50
C. B. G.	For golf links	¾ lbs.	.25
Pennsylvania Rainmaker.	(Not mailable)		20.00

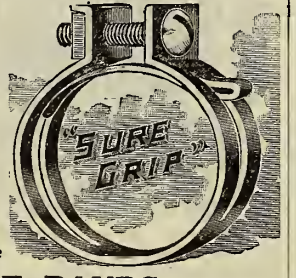
Note.—All sprinklers, priced above, are a revolving type except the Ring, Lawn Twin and C. B. G. Add postage, if desired by mail, where weight is given.

SIAMESE HOSE CONNECTION



This permits one lead of hose to be diverted in two directions. Additional three-way connections can be used according to the water pressure. It is specially adapted for lawn sprinkling. Price, 75c. each.

Parcel Post Weight, 1 lb.



Caldwell Band as applied to Hose

HOSE BANDS

For fastening couplings and menders.

No.	CALDWELL'S	Doz.	100
8	—For 3-ply hose	$0.18	$1.00
6	—For 4-ply hose	.18	1.00

P. Post Weight, doz., ¼ lb.; 100, 2¼ lbs.

HUDSON'S

See illustration in Hudson Hose Mender Outfit cut.

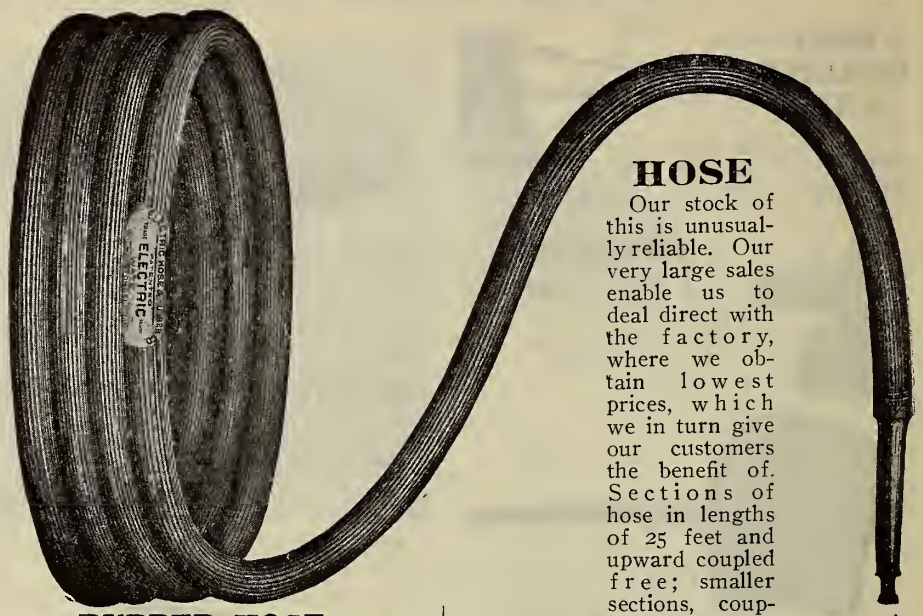
	Doz.	100
¾-inch	$0.18	$1.00
1-inch	.20	1.25

P. Post Weight, doz., ¼ lb.; 100, 2¼ lbs.

SURE GRIP

¾-inch, 5c. each; per doz., 50c.

P. Post Weight, doz., 1 lb.; 100, 9½ lbs.



RUBBER HOSE

		Weight per foot	Per foot
Standard,	¾-in., 4-ply	5 ozs.	$0.12
Reliable,	¾-in., 3-ply	5 ozs.	.14
"	1-in., 3-ply	7 ozs.	.22
"	¾-in., 4-ply	6 ozs.	.17
"	1-in., 4-ply	8 ozs.	.27½
"	½-in., 4-ply	4 ozs.	.13
***Michell's Special**		5 ozs.	.16½
***Electric,**	¾-in.	5 ozs.	.18¼
***Electric,**	½-in.	4 ozs.	.16½
Electric,	⅝-in.	5 ozs.	.17
***Revero,**	¾-in.	5 ozs.	.18
Revero,	⅝-in.	5 ozs.	.16½
***Revero,**	½-in.	4 ozs.	.16
Bull Dog,	¾-in., 7-ply	6 ozs.	.16½
Spray Pump Hose,	⅜-in.	3 ozs.	.12

P.S.—Brands marked * come in reels of 500 feet and sections in any length to that number of feet may be had.

25 and 50-foot sections of hose coupled free. Smaller sections coupled at the rate of 15c. per pair for couplings.

Hose Washers. For inside and outside of couplings. 8c. doz.; ¼ lb., 30c.

Hose Protectors. 30c. each; doz., $3.00.

HOSE REELS

Reels are not mailable.

WIRT'S (All Iron)

No.	Capacity	Price
10	....100 ft.	$2.75
20	....150 ft.	3.25
30	....400 ft.	5.00

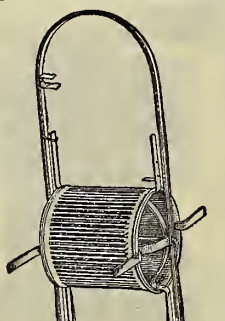
VICTOR HOSE REEL

With black corrugated drum.

Holds 100 ft. ¾-in. hose. See cut, $1.75.

WOODEN HOSE REEL

Capacity, 50 ft..$0.85



NOZZLE HOLDERS

For sticking in the ground while one continues with other work. Made of galvanized heavy wire. Price, 15c. each.

Parcel Post Weight, 8 ozs.

HOSE

Our stock of this is unusually reliable. Our very large sales enable us to deal direct with the factory, where we obtain lowest prices, which we in turn give our customers the benefit of. Sections of hose in lengths of 25 feet and upward coupled free; smaller sections, couplings attached, 15c. per pair.

HOSE MENDERS

	Parcel Post Wt. per doz.	Each	Doz.
Cooper's, ¾"	1¼ lbs.	$0.10	$1.00
" ⅝ and ½"	each 1 lb.	.10	1.00
Republic (new), ¾" 15c. per pair.			
Jones', ¾" (iron)	....2¼ lbs.	.05	.50
Hudson's, ¾" (brass)	..½ lb.	.04	.42
Hudson's, ½" (brass)	.6 ozs.	.04	.42
Perfect, ¾" (brass)	..1¾ lbs.	.10	1.00

HOSE MENDING OUTFIT

(For ¾-inch Hose)

Furnishes a complete outfit, consisting of 6 menders or connections, 18 bands or fasteners, and a pair of pliers for fastening bands. Price, 65c. each. *P. Post Wt., 1 lb.*

HOSE BAND PLIERS

	Parcel Post Wt.	Each
Caldwell	10 ozs.	$0.25
Hudson	9 ozs.	.25

BRASS HOSE COUPLINGS

	Parcel Post Weight per doz.	Pair	Doz.
½ inch	.....3¼ lbs.	$0.15	$1.60
¾ "	.....4 lbs.	.15	1.60
1 "	.....5 lbs.	.35	4.00

SNAP HOSE COUPLINGS

Snap Couplings couple hose instantly, work on a spring, and are water-tight. 25c. pair; doz. pairs, $2.75. (Washers, 20c. doz.)

Parcel Post Weight, per doz., 2½ lbs.

SNAP COUPLING PARTS

No. 2—Male. 8c. each; per doz., 85c.

No. 1—Female. 17c. each; per doz., $1.90.

Parcel Post Weight, per doz., 1¼ lbs.

ACME HOSE COUPLINGS

For quickly connecting and detaching hose.

No. 3 part, for attaching to spigot. 15c. each; doz., $1.50. *Weight, doz., 3 lbs.*

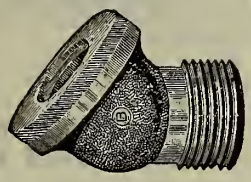
No. 4 part, for attaching to hose. 25c. each; doz., $2.50. *Weight, doz., 3 lbs.*

Couplings complete, consisting of one No. 3 and one No. 4 part, 35c. each; per doz., $3.75. *Weight, per doz., 6 lbs.*

HOSE REDUCERS

For reducing 1-in. pipe to fit regular ¾-in. hose. All brass.
Each .....30c.
Parcel Post Weight, 1½ lbs.

HYDRANT ATTACHMENTS



To be used for attaching hose to smooth faucets.

Royle Style (see cut).....$0.35
Parcel Post Weight, ½ lb.
Boyd Style ..... .25
Parcel Post Weight, ½ lb.

WATER CANS (Wotherspoon's)

Extra heavy with long spout. Will last for years.

Each Wotherspoon can comes equipped with two roses. one coarse and one fine.

		Round	Oval
2 quart	(equipped with one rose only)	$1.15	
	Parcel Post Wt., 2½ lbs.		
4 "	.....	1.60	
6 "	.....	1.85	$2.10
8 "	.....	2.00	2.35
10 "	.....	2.25	2.60
12 "	.....	2.60	2.85
16 "	.....	3.15	3.50
12 qt.	**Manure Watering Can**.....	2.75	
4 qt.	**Fern or Low Watering Can**..	1.50	

The above Watering Pots (except as noted) cannot be mailed.

EXTRA ROSES OR SPRAYS

For Wotherspoon Watering Can, either coarse or fine, 35c. each.
Parcel Post Weight, 8 ozs.

ENGLISH WATERING CANS

Made of very heavy tin; carefully enameled inside and out; finished light green. English Watering Pots are not mailable.

No. 2, 4 qt....	$2.00	No. 3, 6 qt...	$2.25
No. 4, 8 qt....	2.50	No. 5, 10 qt...	2.75

GALVANIZED WATER CANS

Fine for cemetery purposes and other places where a can is desired to last several seasons. (Not mailable.)

4 quart.....	$0.35	12 quart.....	$0.70
6 "	.45	16 "	1.00
8 "	.55	20 "	1.25
10 "	.60		

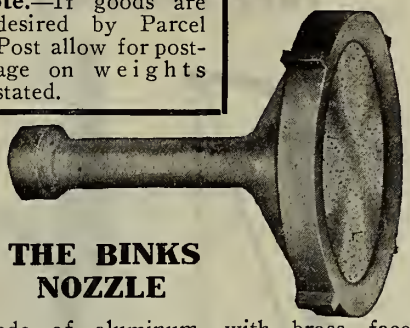
LIGHT TIN WATER CANS

1 quart, green.....$0.25
Parcel Post Weight, 1 lb.
2 quart, green..... .30
Parcel Post Weight, 1¼ lbs.
4 quart, green..... .35
Parcel Post Weight, 1½ lbs.

RUBBER APRONS

For protecting the clothing while watering or doing any work in the garden where your clothes could become soiled. *Parcel Post Weight, 2 lbs.* Price, $1.75.

Note.—If goods are desired by Parcel Post allow for postage on weights stated.



THE BINKS NOZZLE

Made of aluminum, with brass face, equipped with interchangeable sprays, coarse and fine. It makes watering possible without wetting the hands. Positively the best and most indestructible nozzle made. $2.50 each; worth twice the price. *Parcel Post Weight, 1¼ lbs.*

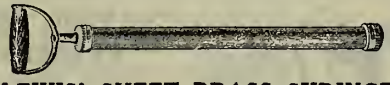
BOSTON SPRAY NOZZLES

These render the same service as does the rose of a watering can. They are screwed on the end of the hose like any other nozzle. Coarse and fine. Say which is wanted when ordering. ¾-inch thread.

Light Copper $0.60
Parcel Post Weight, ½ lb.
Heavy Brass 1.00
Parcel Post Weight, 1 lb.

OTHER HOSE NOZZLES (for ¾" Hose)

		Parcel Post Weight	
Plain Stream,	5 in.....	4 ozs.	$0.25
" "	6 in.....	6 ozs.	.30
" "	7 in.....	8 ozs.	.35
Boss.	Brass	½ lb.	.45
Gem.	Brass	½ lb.	.35



LEWIS' SHEET BRASS SYRINGE

Capacity about 1 quart, $1.75.
Parcel Post Weight, 2½ lbs.

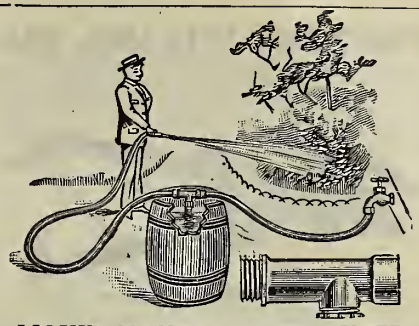
BRASS SYRINGES

Made of heavy sheet brass which will last many years with a little care.

No.	Diam.	Length		Parcel Post Weight	Price
99H—	1½"	18"	1 spray	1¾ lbs.	$2.50
101A—	1¼"	14"	2 sprays ...	2 lbs.	2.00
101C—	1½"	16"	2 sprays ...	2¼ lbs.	3.25
104—	1¾"	18"	2 sprays	4½ lbs.	5.50
107—	1¾"	20"	(Adjustable)	5 lbs.	5.00

SPRAYWELL RUBBER SPRINKLERS

Either Straight Neck or Crook Neck.
6-oz. capacity. Weight, 8 ozs.....$0.55
8-oz. capacity. Weight, 1 lb..... .85
10-oz. capacity. Weight, 1 lb..... 1.00



LIQUID MANURE DISTRIBUTER

This can be attached to hose with which you are watering and, connected with a barrel of liquid manure, the suction of water will draw a quantity of manure with it. All brass. Full directions for using included. Price, $1.75 each. *P. P. Wt., 2 lbs.*

EXTENSION LADDERS

These are made in the best manner possible, are complete, being equipped with the necessary rope and pulleys. The ladders we supply are straight without the curve in the standards, as illustrated.

16 ft.....	$4.80	26 ft.....	$7.80
18 ft.....	5.40	28 ft.....	8.40
20 ft.....	6.00	30 ft.....	9.00
22 ft.....	6.60	32 ft.....	9.60
24 ft.....	7.20	34 ft.....	10.20

36 to 44 ft. size at 28c. per foot.

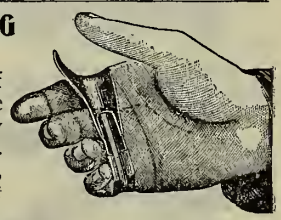
SINGLE PLANK LADDERS

Made of good hard wood, free from faulty knots; with perfect rounds.

10 ft.....	$2.50	16 ft.....	$4.00
12 ft.....	3.00	18 ft.....	4.50
14 ft.....	3.50	20 ft.....	5.00

Larger sizes up to 24 ft. at 25c. ft.

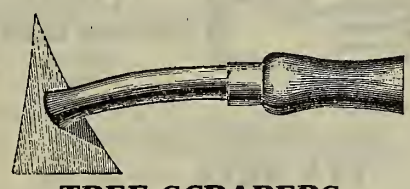
No. 15 HUSKING PINS



Made entirely of metal and can be adjusted to fit any sized hand. 15c. each; per doz., $1.60. *Parcel Post Weight, each 4 ozs.*
Parcel Post Weight, per doz., 1½ lbs.

CORN KNIFE

Eureka, bent blade $0.50
Parcel Post Weight, 2 lbs.

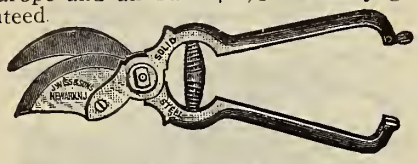


TREE SCRAPERS

For removing loose bark from trees prior to spraying. Steel blade may be detached and sharpened. Price, short handled, 60c. Long handled, $1.00. (Not mailable.)

PRUNING SHEARS, Etc.

Our pruning shears are procured from the most reliable makers in America and Europe and all but 1401½ are fully guaranteed.



Wiss Pruning Shears

No.			Parcel Post Weight	Each
109	Wiss,	8 in.	2 lbs.	$2.00
190	Henckel,	7½ in.	2 lbs.	1.25
200	"	8½ in.	2 lbs.	1.50
210	"	9½ in.	2 lbs.	1.75

The Henckel patterns are equipped with a ratchet nut which takes up all wear.

8½ in. Searight $1.75

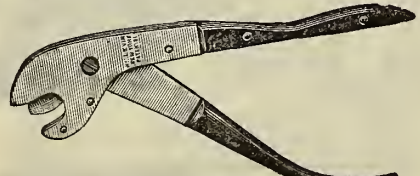
No.		Parcel Post Weight	Each
88	Hessenbruch, 8 in.	2 lbs.	$1.10
1537	German, 8 in.	2 lbs.	.65
1401½	German, 6½ in.	2 lbs.	.40
23	Nickeled, 4½ in.	1 lb.	.80
23	" 5½ in.	1½ lbs.	.90
23	" 6½ in.	1½ lbs.	1.10
Perfection, 8-in.			2.00

Spiral Springs for any of the above Pruning Shears. 10c. each; per doz., $1.10.
P. P. Weight, per doz., ½ lb.

FRENCH PRUNING SHEARS

These have a distinct, very easy working, spring and are desirable for one whose hand is liable to fatigue when pruning.

		Weight	Each
No. 1542.	7 inch.	2 lbs.	$1.25
No. 1542.	8½ inch.	2 lbs.	1.50
Springs for French Pruning Shear...			.25



No. 23 LEVIN PRUNER

The handle of this shear affords a great deal of leverage, which makes very easy cutting possible. Price, 70c. *Weight, 2 lbs.*

LEATHER PRUNING GLOVES

	Parcel Post Weight	Pair
Buckskin	1 lb.	$2.00
Buckskin, with gauntlets.....	1 lb.	2.25

FLY NUTS (Postage free)

For Hedge Shears, 30c. each.

The Fly Nut feature of a hedge shear enables the wear to be taken up instantly by merely tightening the same.

TREE PRUNERS

Disston's Little Giant Pole Pruner

Disston's Little Giant Pruner and Saw

Disston's Little Giant $1.10
Parcel Post Weight, 3½ lbs.

Disston's Little Giant. With saw attachment 1.50
Parcel Post Weight, 4 lbs.

The above prices are for Pruner without rope or pole.

TELEGRAPH TREE PRUNER

This has a removable blade which can be renewed when worn out for 25c. Price, plain as in cut, $1.00.
Parcel Post Wt., 2 lbs.

HESSENBRUCH TREE PRUNER

No.	Price
5340	$1.25
1820	2.50
1806	1.75
1805	.75

WATERS TREE PRUNERS

With removable cutting blade and pole complete.

4	feet.....	$0.75
6	"	.85
8	"	1.00
10	"	1.15
12	"	1.25
14	"	1.50

Extra Blades for Waters Pruners, 25c. each.

None of the above Tree Pruners except the Waters are equipped with poles or rope.

POLES for Tree Pruners.

12	feet long,	1¼	inches diameter.....	$0.45
14	"	1½	" "	.80
16	"	1½	" "	1.00

Waters Pruners are not mailable.

BASTIAN'S TREE PRUNER

The most powerful device of its kind ever invented. With the greatest ease it will cut any limb that fits in its jaws, which are about 1½ inches wide. By reason of its design, the leverage does not in any way bend the pole, as it is a direct down stroke.

Each		Each
8 ft.....$1.50	12 ft.....	$2.00
10 ft..... 1.75	14 ft.....	2.25

Extra blades for cutter, 15c. each.

SEARIGHT TREE PRUNER

No. 3 (not mailable)

Equipped with forged steel hook and blade. The lever handle is connected to the blade by a rod and the spring always throws the cutting part open to receive a limb. This is the very best tree pruner made, and is actually worth double the price asked for it.

8 ft.....	$1.40	12 ft.....	$1.75
10 ft.....	1.60	14 ft.....	2.00

No. 4 COMPOUND LEVER TREE PRUNER WITH JOINTED POLE

The compound lever construction gives great power. Limbs up to 1¼ inches in diameter may be cut off with ease. Blades forged from high grade crucible steel. Can be used as a 4, 8 or 12 foot pole by using the top section, handle section and one intermediate section. Price, complete, $2.00.

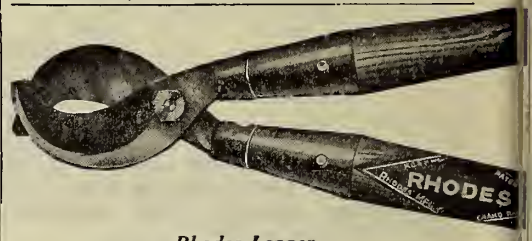
LOPPING SHEARS

These are used in trimming trees and for cutting heavy hedge that the regular hedge shear will not cut. Each

Rockdale Style $1.00
Parcel Post Weight, 4 lbs.

Searight Style. Has a tremendous leverage, which means easy cutting; made of the finest American steel.. 2.00
Parcel Post Weight, 6 lbs.

No. 109. English, 4-in. cut (not mailable) 3.50



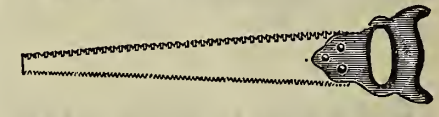
Rhodes Lopper

RHODES DOUBLE CUT LOPPING SHEAR

For trimming trees, bushes, heavy shrubbery, etc.

Makes an absolutely clean, perfect cut, the blades are concaved at the cutting edge, producing with the handles an enormous leverage. They are the easiest operating Lopping Shears ever made or sold. 24-inch and 28-inch handles. State which are wanted when ordering. Price, $2.50.
Parcel Post Weight, 5 lbs.

DISSTON PRUNING SAWS

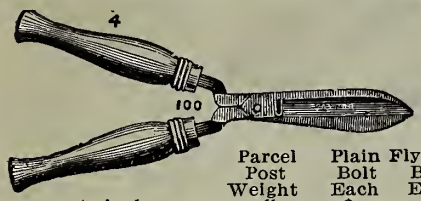


			Parcel Post Weight	Each
18	inch.	Double edge.....	2 lbs.	$0.85
20	"	" "	2 lbs.	1.15
16	"	Single edge.....	2 lbs.	.70
18	"	" "	2 lbs.	.80
20	"	" "	2 lbs.	1.00
22	"	" "	2 lbs.	1.25

CROSS CUT LUMBERING SAWS

		Each
One Man.	3½ ft. (not mailable)....	$2.00
Two Man.	5 ft. (not mailable).....	2.50

ENGLISH HEDGE SHEARS



	Parcel Post Weight	Plain Bolt Each	Fly-Nut Bolt Each
107—5½ inch	4 lbs.	$1.00	
101—8 "	4 lbs.	1.50	$2.00
101—9 "	5 lbs.	1.75	2.25
101—10 "	5 lbs.	2.00	2.50
101—12 "	6 lbs.	2.50	

Handles for Hedge Shears, 50c. per pair.

SAYNOR HEDGE SHEARS

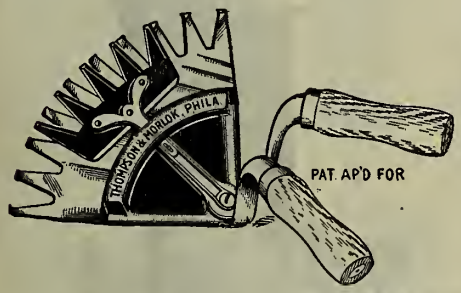
For very heavy hedges.

	Parcel Post Weight	
9 in. (fly nut)	4½ lbs.	$2.50
10 in. (fly nut)	5 lbs.	2.75

HEDGE SHEARS (Neverslip)

These shears have a saw edge on one blade which prevents them from slipping when cutting, made of the best quality English steel.

	Weight			Weight	
8-in.	4 lbs.	$1.80	9-in.	5 lbs.	$2.25
10-in.	5 lbs.	2.50			



UNIQUE HEDGE TRIMMER

A practical tool for trimming the summer growth of hedge. It works like a charm, and leaves the hedge in better shape than you could with any other shear and does the work in ¼ the time. Guaranteed satisfactory; cut 16-inch swath. Will not cut heavy wood. $5.00. *P. Post Weight, 5 lbs.*

BRUSH OR BRIAR HOOK

Steel cutting blade, long handle.
Price (not mailable).....$0.65

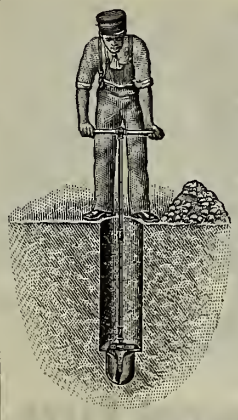
STEEL HEDGE KNIVES

For cutting heavy brush, shrubbery, hedge, etc Made of the finest steel with a slight hook on blade. Each, $1.00.
Parcel Post Weight, 3 lbs.

ENGLISH BILL HOOKS

For trimming heavy shrubbery, trees, etc.

		Weight	
No. 306.	Short handle	4 lbs.	$1.25
No. 156.	Long handle	4 lbs.	2.00



No. 8 POSTHOLE DIGGER

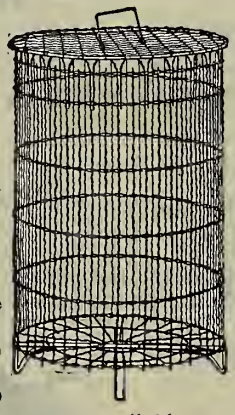
(See Cut)

This is really an earth auger, bores a hole 3½ ft. deep and can be adjusted in diameter from 8 to 14 inches. It can be emptied instantly, it is made of the finest steel and a man with one of these can do three times as much work as with an ordinary digger. $3.50

No. 15 Eureka Posthole Diggers, $1.

Posthole Diggers are not mailable.

MICHELL'S RUBBISH CONSUMERS



Made of heavy galvanized wire, an indispensable arrangement for burning rubbish, paper, leaves, etc., without endangering property. Will last a lifetime.

Diam.	High	Price
A,	12 in. x 18 in.,	$1.25
B,	15 in. x 22 in.,	1.50
C,	18 in. x 26 in.,	1.75
D,	21 in. x 31 in.,	2.50

Rubbish Consumers are not mailable.

HEAVY GALVANIZED CONSUMER

This holds about 10 bushels; is 36 in. high, and 24 in. diameter and stands on heavy feet. A Consumer that will last a lifetime; made of diamond mesh wire. Price, $12.00.

SIEVES (ANY SIZE MESH)

Made extra well, of galvanized wire.

		Parcel Post Weight	Each
20 inch.	Heavy	6 lbs.	$0.95
20 inch.	Light	6 lbs.	.85
18 inch.	"	6 lbs.	.75
16 inch.	"	6 lbs.	.65

MOLE TRAPS

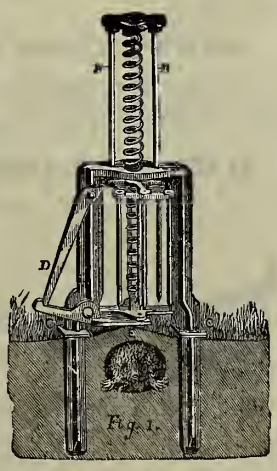
English. *Parcel Post Weight, 3½ lbs.,* 40c.

Olmsted. See cut. *Parcel Post Weight, 4 lbs.,* $1.50.

Rittenhouse. Easily set. *Parcel Post Wt., 4 lbs.,* 75c.

Reddick. *Parcel Post Weight, 5 lbs.,* $1.00.

Booklet on the Habits of the Mole mailed *free,* or included with each Mole Trap if asked for at time of ordering.



MEHLER GARDENER

An entirely distinct tool, avoids bending the back, works closer to the plant than any other device. No hoe is needed where this is used, just the thing for working among flower and vegetable plants. 75c. each. Not mailable.

No. 211 JOHNSON STEEL TROWELS

These are made of one piece steel blade and shank, equal to the imported trowels.

	P. P. Weight			P. P. Weight	
5 in.	1 lb.	$0.40	7 in.	1 lb.	$0.60
6 in.	1 lb.	.50	8 in.	1 lb.	.70

D. S. T. STEEL SHANK TROWEL

These are somewhat long in blade and handle, making a very practical tool. 6-in. blade. Will last a lifetime. 60c. each.
Parcel Post Weight, 1½ lbs.

No. 217 CLEVES' ANGLE TROWEL

For getting dandelion, plantain and other weeds out of the lawn and transplanting.

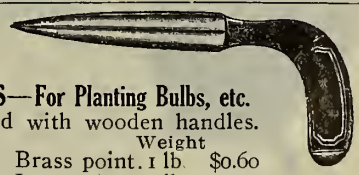
	Weight	Each
5 inch	1 lb.	$0.15
6 inch	1 lb.	.20
7 inch	1 lb.	.25

No. 1795 LONG HANDLED ENGLISH TROWEL

Just the thing that prevents kinks in the back. 40c. each. *Parcel Post Weight, 2 lbs.*

MISCELLANEOUS TROWELS

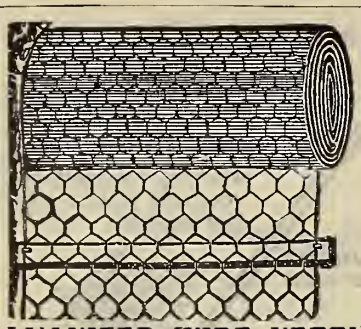
	Weight	Each
No. 213—5 in.	½ lb.	$0.10
No. 213—6 in.	½ lb.	.12
No. 5—6 in., heavy steel	1 lb.	.15



DIBBLES—For Planting Bulbs, etc.

Equipped with wooden handles.

		Weight	
No. 2180.	Brass point.	1 lb.	$0.60
No. 218.	Iron point.	1 lb.	.40



GALVANIZED WIRE NETTING

Galvanized after woven, which makes it almost equivalent to wire one number heavier.

2-inch Mesh, No. 19 Wire, 150 Running Feet per Bale

Wide	Price	Wide	Price
12 in.	$1.25	42 in.	$3.80
18 in.	1.75	48 in.	4.40
24 in.	2.40	60 in.	5.40
30 in.	2.80	72 in.	6.50
36 in.	3.40		

WIRE NETTING

1-inch Mesh, No. 20 Wire

Wide	Price	Wide	Price
12 in.	$2.50	42 in.	$8.00
18 in.	3.00	48 in.	9.00
24 in.	4.75	60 in.	11.25
30 in.	5.75	72 in.	13.50
36 in.	7.00		

CUT WIRE NETTING

2-inch mesh, 1½c. per square foot.

1-inch mesh, 3c. per square foot.

PITTSBURG PERFECT FENCING

"The kind that lasts forever."

The most substantial fencing possible to procure. The joints being welded by electricity, make it exceedingly attractive. It is thoroughly galvanized, extra well made and is the up-to-date fencing for using about poultry yards, etc. Price for regular style, with top and bottom strands of No. 11 wire; centre of No. 14 wire, in bale lots only, of 165 running feet:

	Per Bale		Per Bale
24 in. high	$3.25	52 in. high	$4.85
36 in. high	4.10	58 in. high	5.15
46 in. high	4.60		

Not less than a full roll of Pittsburg Perfect Fencing sold.

"FARMERS' FAVORITE" FEED COOKER

No.	Cap. Gals.	f. o. b. Phila.
1	25	$11.00
2	30	11.50
3	40	13.00
4	50	14.00
5	75	16.00
6	100	18.00

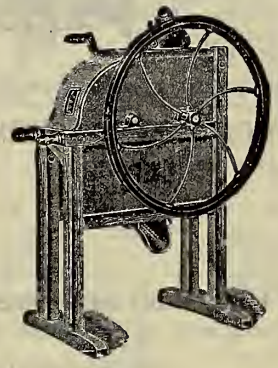
The above prices are for the Cooker complete, for burning wood, consisting of stove, or fire box, galvanized steel boiler with four handles and cover, one length of 6-in. stove pipe and damper and one 6-in. elbow. Coal grate and lining $3.50 additional.

LINING AND ROOFING PAPER, Etc.

	Sq. ft. per roll	Price per roll
Celery Paper for covering celery banks	500	$1.15
$5.25 for five rolls.		
Neponset Red Rope	500	5.50
" " "	250	2.75
" " "	100	1.25
Tar or Pitch, 2-ply	100	.80
" " 3-ply	100	1.10
Paroid, 1-ply	108	2.50
" 2-ply	108	3.25
" 3-ply	108	4.00

Caps for tar paper. 1 lb., 8c.; 5 lbs., 35c.

Nails for tar paper. 1 lb., 8c.; 5 lbs., 35c.



No. 3 PENNSYLVANIA CORN SHELLER

Will be found useful on every farm and private estate. Separates the corn from the cob, throwing the cob to one side and allowing the corn to pass out at another. Price, $7.00.

MANN'S CORN SHELLER

Excellent for small poultry farms, etc. Ball-bearing, suitable for fastening to a bench, box, etc. Price, $2.00.

BLACK HAWK CORN SHELLER

For shelling small quantities of corn. $2.00 each.

GRAFTING TOOL

Best English steel for grafting trees, etc.

	Parcel Post Weight	
Wood handle (see cut)	4 ozs.	$0.75
All steel	6 ozs.	.60

CARRIAGE AND AUTOMOBILE HEATERS

These heaters will keep the temperature above freezing in most any ordinary closed vehicle during the severest weather.

No.		Each
5.	Single drawer, 14 in. long. *Parcel Post Weight, 5 lbs.*	$2.25
5B.	Single drawer, 14 in. long, covered with Brussels carpet. *Parcel Post Weight, 6 lbs.*	2.75
5C.	Single drawer, 14 in. long, covered with Velvet carpet. *Parcel Post Weight, 6 lbs.*	3.00
7B.	20 in., Brussels carpet. *Parcel Post Weight, 7 lbs.*	4.50
7C.	20 in., with Velvet carpet.	5.00
10.	Three drawers. (See cut)	7.25

Coal for Auto Heaters. 75c. per doz. bricks; per 100, $6.00.
Parcel Post Weight, per doz., 8 lbs.

Tongs for Handling Hot Coals. 25c.
Parcel Post Weight, 1¼ lbs.

Illustrated circular on request.

No. 7 Banner Root Cutter

ROOT CUTTERS

It is a well-known fact that Mangels, Carrots, etc., cut up in the form in which these machines leave them, are one of the great requisites for the poultry in Winter.

No. 7 Banner	$5.00
No. 16 Banner	10.00
No. 20 Banner	8.00
No. 30 Banner	14.00
Ames Root Cutter	12.00

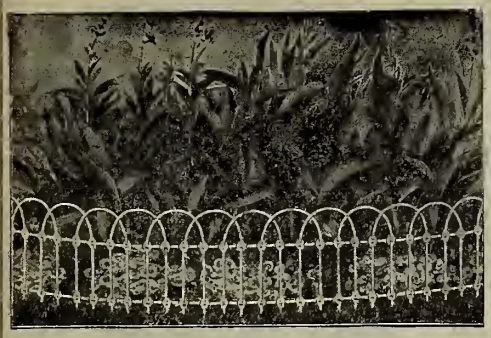
SHADING OR PROTECTING CLOTH

Largely used as a substitute for glass where protection is desired. It is admirable for summer use, protecting plants, etc., from sun and at the same time allowing ventilation.

	Yds. per Piece	Price per Yd.	Price per Pc.
Light. Brown cloth	60	$0.06	$3.30
Medium. Brown cloth	60	.10	5.40
Heavy. Brown cloth	40	.14	5.20

GRAFTING WAX

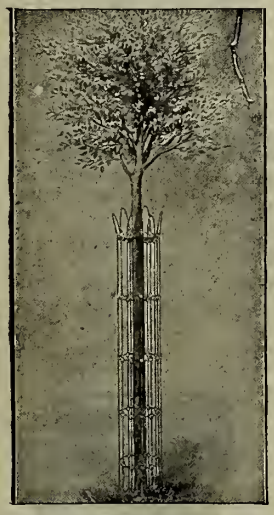
¼ lb., 10c.; 15c. ½ lb.; 1 lb., 25c.; $1.10 per 5 lbs.



WIRE FENCING

For putting around flower beds, etc. Any length desired up to 150 running ft. in one piece. Made of galvanized heavy wire.

16 in. Less than roll, 12c. ft.
16 in. 150 ft. rolls, 10c. ft.
22 in. Less than roll, 14c. ft.
22 in. 150 ft. rolls, 12c. ft.



No. 4 IRON TREE GUARD

12 in. diam., 6 ft. high. Price, $2.50 each; per doz., $25.00.

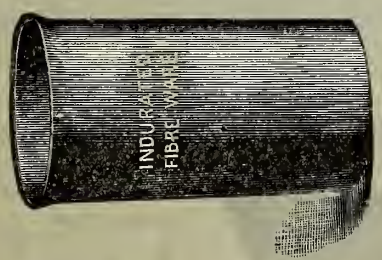
WIRE TREE GUARD

Carefully galvanized, 9 in. diam., $1.00 each; doz., $11.00; 12 in. diam., $1.25 each; doz., $13.00.

OFFICIAL PHILADELPHIA TREE GUARD

Of round iron, 6 ft. high, 14 inches diameter, $3.00 each; $35.00 doz.

Tree guards cannot be mailed.



WOOD FIBRE FLOWER VASES

No.	Diam.	Depth	Weight	Each	Doz.
0	8 in.	13 in.	4 lbs.	$0.65	$7.40
1	5½ "	10 "	2½ lbs.	.56	6.40
2	4½ "	9 "	1½ lbs.	.48	5.50
3	4 "	6 "	1½ lbs.	.41	4.60
4	3 "	4½ "	¾ lbs.	.32	3.60
00	9 "	21 "	6 lbs.	2.45	28.00
11	5 "	18 "	4 lbs.	.65	7.40
22	4½ "	15 "	2 lbs.	.56	6.40
33	4 "	12 "	2 lbs.	.48	5.50
44	3 "	9 "	1 lb.	.41	4.60

Add for Parcel Post if desired by mail.

ILLINOIS WINDOW BOXES

These are made of metal, finished bright green; the bottom is equipped with a reservoir which, when filled, is sufficient to keep the contents of the box watered for two weeks.

"Illinois" Self-Watering Window Boxes do not leak and may, therefore, be placed in any window with the assurance that no annoyance will be caused from leakage.

No.	Height	Width	Length	Price
1	8 in.	9½	23 in.	$1.60
3	8 "	9½	27 "	1.90
5	8 "	9½	31 "	2.20
7	8 "	9½	35 "	2.50
9	8 "	9½	39 "	2.80

ILLINOIS HANGING BASKETS

You will never know how nice a Hanging Basket is until you have tried the "Illinois" style. No taking down to water. No attention at all except filling reservoir once a week.

No.	Size	Depth	Price
8	8 in. sq.	7 in.	$1.00
10	10 in. sq.	7 in.	1.25
12	12 in. sq.	8 in.	1.50
14	14 in. sq.	9 in.	1.75

Chain for same, 5c. per foot.

WOODEN WINDOW BOXES

Rustic Bark Style. Attractively made and neatly finished; for indoor or outdoor use.

Length	Depth outside	Width outside	Price
24-inch	7½-inch	11-inch	$1.40
30 "	7½ "	11 "	1.75
36 "	7½ "	11 "	2.10

Any length made to order, 75c. per running foot, 11 inches wide.

Plain Wood (Painted Green). They are substantially made and finished and will last many years.

Length	Depth outside	Width outside	Price
24-inch	6½-inch	8-inch	$0.80
30 "	6½ "	8 "	1.00
36 "	6½ "	8 "	1.20

Any length made to order, 45c. per running foot, 8 inches wide. Window Boxes cannot be mailed.

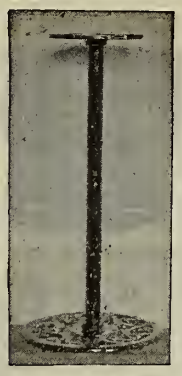
JONES' POT BRACKET

(See cut)

No. 1—Holds 5-inch pot. Each, 30c.; $3.00 per doz. *Parcel Post Weight, each, 1 lb.*
No. 2—Holds 6-inch pot. Each, 35c.; $3.50 per doz. *Parcel Post Weight, each, 2 lbs.*
No. 3—Holds 7-inch pot. Each, 40c.; $4.00 per doz. *Parcel Post Wt., each, 2½ lbs.*

BRONZED POT BRACKETS

No. 8310—Single, small, 30c. each; per doz., $3.00. *Parcel Post Weight, each, 1 lb.*
No. 8320—Single, medium. 40c. each; per doz., $4.00. *Parcel Post Wt., each, 2 lbs.*
No. 8340—Double, medium. 60c. each; per doz., $6.00. *Parcel Post Wt., 2 lbs.*



IRON PLANT STANDS

STAR STYLE

Somewhat similar to the "Superior," excepting that they are not fitted with the tilting device, and are finished in black varnish.

Height	Each	Doz.
12 inches	$0.70	$7.70
18 "	.80	8.80
24 "	.95	10.50
30 "	1.15	12.25
36 "	1.40	15.50
42 "	1.55	16.50

SUPERIOR STYLE

Can be tilted to set your plants at any angle desired to produce the proper decorative effect. Enameled green.

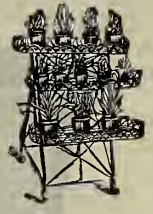
Height	Size of Plates	Price Each	Per Doz.
12 inch	5 x 7	$0.85	$9.00
18 "	5 x 7	.95	10.00
18 "	8 x 10½	1.05	11.75
24 "	8 x 10½	1.15	13.00
24 "	8 x 12	1.25	14.25
30 "	8 x 10½	1.35	14.75
30 "	8 x 12	1.45	15.75
36 "	8 x 10½	1.55	15.75
36 "	8 x 12	1.65	16.75
42 "	8 x 10½	1.75	16.75
42 "	8 x 12	1.80	18.00
48 "	8 x 12	1.85	19.50
60 "	8 x 12	1.95	20.75
72 "	8 x 12	2.05	22.00

EXTRA PLATES FOR IRON STANDS

	For Superior		For Star Stands	
	Each	Doz.	Each	Doz.
5 inch	$0.30	$3.30	$0.25	$2.85
7 "	.35	3.75	.40	4.40
8 "	.50	5.50		
10½ "	.55	6.00	.50	5.50
12 "	.65	7.00		

WIRE PLANT STANDS

These are nicely painted dark green and finished in bronze. They are very substantial and will carry most any weight that can be placed on them. We especially recommend the Jones style, as it is collapsible and takes up very little space when not in use.



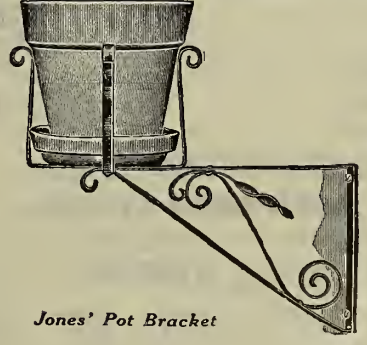
PHILADELPHIA STYLE

	Square Style	Half Round Style
1 shelf	$2.25	
2 "	3.00	$3.00
3 "	4.00	4.00

JONES' COLLAPSIBLE STYLE

(See cut.)

2 shelf .....$2.25 | 3 shelf $3.25

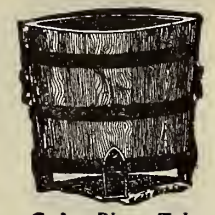


Jones' Pot Bracket

PLANT TUBS, FLOWER POTS, SAUCERS, Etc.

CEDAR TUBS

Equipped with Strong Iron Hoops



Cedar Plant Tub

These are made by hand, of the very best white cedar painted green. They will be found very much superior to lower priced cedar tubs.

	Outside Diam.	Length of stave outside	Black Iron Hoop	Galv. Hoop
No. 0	27 in.	24 in.	$5.50	$6.00
No. 1	25 "	22 "	5.00	5.50
No. 2	23 "	20 "	4.50	4.90
No. 3	21 "	18 "	4.00	4.40
No. 4	19½ "	16 "	3.00	3.35
No. 5	18 "	14 "	2.75	3.10
No. 6	16½ "	13 "	2.25	2.55
No. 7	15 "	12 "	2.00	2.30
No. 8	12 "	10 "	1.75	1.95

Tubs cannot be sent Parcel Post.

MICHELL'S KEYSTONE PLANT TUBS

Made of white cedar, painted green and bound with strong electric welded wire hoops, which do not rust. Handles are sold separately at 10c. per pair. Specify when wanted that way.

No.	Inside Diam.	Depth	Each
6	11 inches	10 inches	$0.70
7	12 "	11 "	.80
8	13 "	12 "	.90
9	14 "	13 "	1.00
10	15 "	14 "	1.25
11	16 "	15 "	1.35
12	17 "	16 "	1.50
13	18 "	17 "	1.75
14	19 "	18 "	2.00

Tubs cannot be sent by Parcel Post.

WOOD FIBRE PLANT TUBS

Complete, with saucers.

	Green Enameled Each	Mahogany Color Each
10 inch	$1.00	$0.68
12 inch	1.21	.79
14 inch	2.10	1.58
18 inch	5.25	4.20

These tubs cannot be mailed.

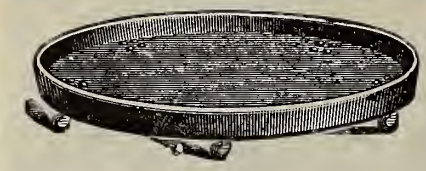
FERN DISH LINERS

These cannot be sent by Parcel Post.

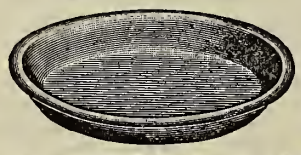
Very shallow, for inside of fancy silver or porcelain ferneries.

Width	Depth	Each	Doz.	100
7 in.	1⅞ in.	$0.12	$1.00	$6.00

ROLLING STANDS (Wood Fibre)



Ins.	Parcel Post Weight	Will fit Pot	Tub	Each	Doz.
12	2 lbs.	10 in.		$0.58	$6.60
14	2½ lbs.	12 "	No. 8	.68	7.80
16	3 lbs.	14 "	" 8	.76	8.60
18	3½ lbs.	16 "	" 7-6	.95	10.80
20			" 5	1.15	13.20
22			" 4	1.44	16.50



WOOD FIBRE SAUCERS

Extremely desirable on account of being absolutely waterproof. Plants put on these can be stood on the finest covering or woodwork without damage.

	Parcel Post Weight Each	Each	Doz.	100
4 inches	¼ lb.	$0.11	$1.24	$9.27
5 "	¼ lb.	.13	1.44	10.80
6 "	¼ lb.	.14	1.45	11.25
7 "	½ lb.	.15	1.62	12.15
8 "	½ lb.	.16	1.74	13.05
9 "	¾ lb.	.17	1.92	14.40
10 "	¾ lb.	.18	2.04	15.30
12 "	1¼ lbs.	.21	2.40	18.00
14 "	1½ lbs.	.28	3.18	23.85
16 "	2 lbs.	.49	5.52	41.40
18 "	2½ lbs.	.58	6.50	49.50

EARTHENWARE SAUCERS

These cannot be sent by Parcel Post.

	Each	Doz.	100
4 inches	$0.02	$0.15	$1.12
5 "	.03	.18	1.40
6 "	.04	.24	1.88
7 "	.05	.31	2.40
8 "	.06	.47	3.60
9 "	.08	.62	4.80
10 "	.09	.78	6.00
11 "	.11	.94	7.20
12 "	.15	1.17	9.00
14 "	.25	1.95	15.00

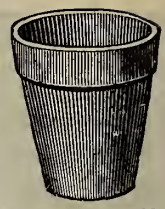
Fern Liner

EARTHEN FERN PANS

These cannot be sent by Parcel Post.

Width	Height	Each	Doz.	100
4 in.	1⅞ in.	$0.04	$0.31	$1.65
4¾ "	2⅛ "	.05	.33	2.20
5½ "	2¼ "	.06	.41	2.75
6¼ "	2½ "	.07	.49	3.30
7 "	2⅝ "	.09	.55	3.85
8 "	3⅛ "	.11	.79	5.50
9 "	3¼ "	.15	.95	6.60

EARTHEN FLOWER POTS



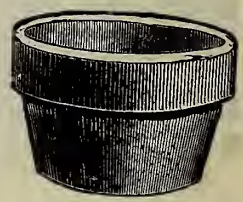
These cannot be sent by Parcel Post.

Height and Width Inside	Each	Doz.	100	1000
2 inches	$0.01	$0.07	$0.50	$3.96
2¼ "	.01	.08	.56	4.45
2½ "	.02	.09	.69	5.45
3 "	.02	.11	.88	6.93
3½ "	.02	.14	1.06	8.41
4 "	.02	.18	1.38	10.89
4½ "	.03	.24	1.88	14.85
5 "	.03	.32	2.50	19.80
5½ "	.05	.41	3.13	24.75
6 "	.05	.49	3.75	29.70
6½ "	.07	.62	4.80	44.00
7 "	.08	.78	6.00	55.00
8 "	.11	1.09	8.40	77.00
9 "	.16	1.56	12.00	110.00
10 "	.22	2.11	16.20	148.50
11 "	.29	2.81	21.60	
12 "	.40	3.90	30.00	
14 "	.80	7.80	60.00	
16 hand made	1.50	13.50		

PAPER FLOWER POTS

Ins.	Parcel Post Weight per doz.	per 100	Doz.	100	1000
2¼	3 ozs.	2 lbs.	$0.08	$0.35	$3.00
2½	3 ozs.	2 lbs.	.10	.40	3.25
3	5 ozs.	2 lbs.	.12	.55	4.50
3½	7 ozs.	3 lbs.	.18	.70	6.00
4	8 ozs.	4 lbs.	.20	.95	7.50
5	15 ozs.	7 lbs.	.25	1.40	12.50
6	2 lbs.	11 lbs.	.30	1.80	17.00

EARTHEN BULB PANS



These are fine for planting with bulbs, for ferns and other compact plants.

These cannot be sent by Parcel Post.

Diam. Inside	Each	Doz.	100
6 inches	$0.07	$0.68	$3.75
7 "	.08	.78	4.80
8 "	.10	.98	6.00
9 "	.15	1.30	8.40
10 "	.20	1.63	10.80
12 "	.25	2.28	15.00
14 "	.50	4.55	30.00
16 "	.90	7.80	60.00
18 "	1.25	11.70	90.00

SEED PANS (Earthenware)

Seed Pan

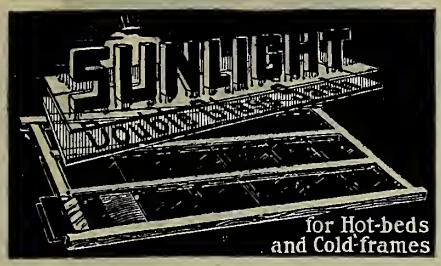
These cannot be sent Parcel Post.

Inches	Each	Doz.
6	$0.20	$2.00
8	.25	2.50
10	.30	3.00
12	.40	3.50

AZALEA POTS

These cannot be sent by Parcel Post.

Width	Height	Each	Doz.	100
5 in.	4½ in.	$0.04	$0.32	$2.50
6 "	5 "	.06	.51	3.93
7 "	6 "	.09	.82	6.30
8 "	7 "	.12	1.14	8.82
9 "	7½ "	.16	1.56	12.00
10 "	8 "	.24	2.21	17.00



SUNLIGHT SASH

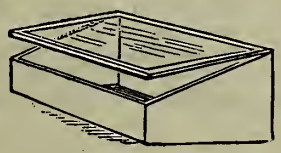
These are made with a double glass facing, one on the bottom, another on the top. It is claimed by the manufacturer where these are used, hot bed mats are unnecessary. 3 ft. wide, 6 ft. long.

Plain, Unglazed and Unpainted.....$2.25
Glazed and Painted..... 4.50
Packing Glazed Sunlights, 25c. each extra.

HOT BED SASH

Made of best quality cypress. Size, 3 ft. 1½ in. wide, 6 ft. long.

Plain, not glazed or painted. $1.50 each; $16.50 doz. (Painting only 25c. each extra.)
Glazed, painted, puttied glass. $3.50 each; $40.00 doz.
Packing charges on Glazed sash only, 10c. each; per doz., $1.20 extra.



MINIATURE HOTBEDS

Suitable for raising seedlings or for rooted cuttings. 12 x 20 in. $1.35 each. Complete with glass.

HOT BED MATS

The Burlap and Duck and Burlap are the best mats that it is possible to procure. Rats and mice do not harbor in them, and they are otherwise practically indestructible.

Burlap. 76 x 76 inches, covering two regular size sash. Each, $1.60; doz., $18.00.
Burlap. 40 x 76 inches, for one sash. Each, $1.10; doz., $12.00.
Duck and Burlap. This style is waterproofed on one side. 40 x 76 inches. Each, $1.35; doz., $15.00.
Duck and Burlap. 76 x 76 inches. Each, $1.85; doz., $21.00.
Duck and Burlap Mats. 76 inches wide, any length, at 30c. per running foot.
Plain Burlap Mats. 76 inches wide, any length, 26c. per running foot.

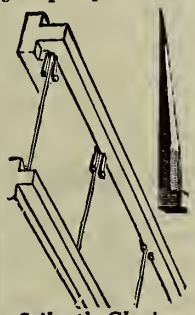
	Each	Doz.
Straw Mats. 3 x 6 feet.....	$1.00	$11.00
" " 6 x 6 feet.....	1.75	18.00

Special size Straw and Burlap Hot Bed Mats, any of the above styles to order.

GLAZING POINTS

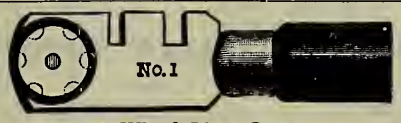
Peerless. Made of zinc, can be used on right or left hand side of sash bar. 3 sizes.
No. 1 for single thick glass.
No. 2 for single thick glass.
No. 2½ for double thick glass.
Price, 60c. per 1000. *Parcel Post Weight, per* 1000, 1 *lb*

Pincers. For driving Peerless Points, 50c. per pair. *Parcel Post Weight,* 1 *lb.*



Seibert's Glazing Point

Siebert Style. Made of zinc, with a prominent head; cannot rust; easily driven. ⅝, ¾ and ⅞ inches long. 55c. per lb.; 10 lbs., $5.25.
There are between 1000 and 1200 points in a lb. of the above.
Naumann's Brass Glazing Points. 85c. per 1000. *Parcel Post Wt., per* 1000, 1½ *lbs.*
Zinc Glazing Nails. 50c. per lb.; 5 lbs., $2.45.



6-Wheel Glass Cutter

GLASS CUTTERS

Single Wheel $0.15
6-Wheel ..... .35
Diamond (ebony handle) 3.00
" (cocoa handle), extra large diamond 4.00
Parcel Post Weight on Glass Cutters, ¼ lb. each.

Mastica Machine

Putty Distributor

PUTTY BULBS

For distributing putty, mastica and similar materials. Price, $1.25. *Weight,* 1 *lb.*

MASTICA

For glazing greenhouses, new or old. One gallon will cover about 300 running feet.

	Parcel Post Weight	
½ gallon.....	8 lbs.	$0.75
1 "	15 lbs.	1.35
5 "		6.50

MASTICA MACHINE

For distributing mastica, etc. Made of zinc, and will last a lifetime. $1.50.
Parcel Post Weight, 2 *lbs.*

For supporting broken lights of glass.
Per box of 100. *Weight,* 1¼ *lbs.*.....$1.10

TWEMLOW'S PUTTY

Superior to putty, more easily applied and lasting. Can be put on with a putty bulb or mastica machine.

	PRICES
16-lb. can (1 gal.).	*P. P. Wt.,* 18*lbs*....$1.50
50 lbs. (3 gals.).....	4.50
80 lbs. (5 gals.).....	7.25

HAMMOND'S GREENHOUSE WHITE

A superior white paint. 1 gal., $1.90.
Paint cannot readily be mailed.

FUMIGATORS

Eureka

Perfection Make
Fitted with a water tank to prevent burning out.

No.		
1	for house 12x40 ft.	$3.00
2	" " 15x100 ft.	3.50
3	" " 20x100 ft.	4.00
5	" " 20x150 ft.	5.50

Eureka Make

No.		
1	for house 10x20 ft.	$1.25
2	" " 12x40 ft.	1.75
3	" " 15x100 ft.	2.25
4	" " 20x100 ft.	3.25

Fumigators cannot be mailed.

VAPORIZING LAMP

Practical and indestructible, all metal, burns kerosene, used for dispensing fumes of Nicoticide, Tobakine and other preparations of this sort. 50c. each.
Parcel Post Weight, ¾ *lb.*

PERMANITE GLAZING CEMENT

Made of asbestos and a combination of gums, never hardens, and is practically indestructible. It can be used for glazing, either with a putty machine or a knife. Unexcelled for waterproofing gutters, packing shed roofs, tanks, sidings or coolers. Rain, snow, heat and cold have no effect on it, and it stops the leaks permanently.

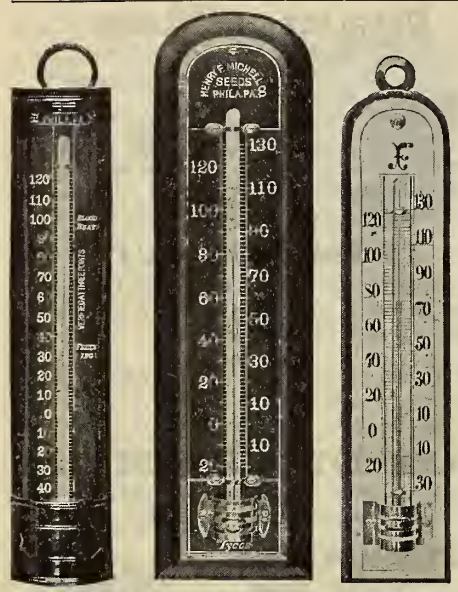
10 lbs., $1.60; $3.25 for 25 lbs.; 150 lbs., $16.00.

CORK FOR ORCHIDS

In large clumps. 30c. per lb.; 10 lbs., $2.50.

ORCHID PEAT

For use in orchid pans and baskets. 30c. per peck; bu., $1.00; bbl. bag, $2.25.



No. 5420B *No. 5100* *No. 5132*

RELIABLE THERMOMETERS

No.		Each
5420B.	8-inch, Tin Case	$0.50
5420B.	10-inch, Tin Case (see cut)	.65
5420B.	12-inch, Tin Case	1.00
5154.	8-inch, Copper Case	.85
5154.	10-inch, Copper Case	1.00
5100.	8-inch, Wood Back, Black Scale (see cut)	1.25
5100.	10-inch, Wood Back, Black Scale	1.50
5132.	8-inch, Wood Back, Porcelain Scale (see cut)	1.00
5132.	10-inch, Wood Back, Porcelain Scale	1.25

STANDARD TIN CASE GRADE

5420W. 8-inch	$0.30
5420W. 10-inch	.40

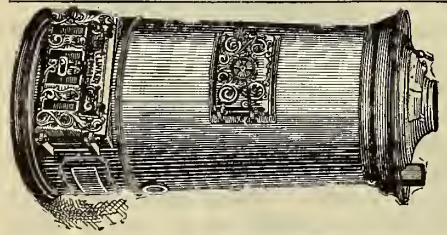
REGISTERING THERMOMETERS

Record the coldest and the warmest point during previous night.

8-inch	$2.75
10-inch	3.00

HOT BED THERMOMETERS, ETC.

Galvanized Iron Point (can't rust)	$1.00
Brass Point	1.50
No. 1 **Electric Thermostat**	6.00



HOT WATER STOVES

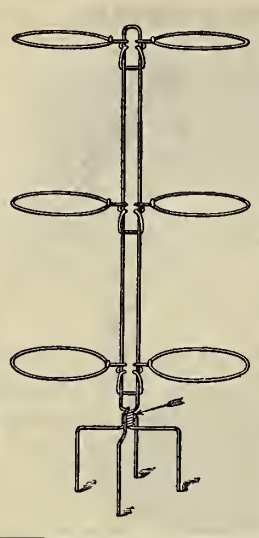
IDEAL, JR. (See cut.)

	Direct Radiation	Capacity of Tank	Price
No. 0	75 sq. ft.	100 gallons	$18.00
No. 10	150 "	150 "	27.25
No. 12	175 "	250 "	34.00
No. 20	225 "	300 "	38.00

CLAD'S IMPROVED

	Capacity of in. Pipe	Radiation	Price
No. 0	150 ft.	50 sq. ft.	$12.50
No. 1	200 "	75 "	16.50
No. 2	400 "	150 "	24.00
No. 4	600 "	300 "	30.00

Send for full descriptive list on hot water stoves; state which style.



MÜLLER'S DOUBLE SUPPORT

One of the best on the market, easily put together. After the rings are detached it folds flat, thereby requiring very little storage room when putting away.

Per doz., 75c.; $4.50 per 100; per 1000, $42.00.

RICHMOND CARNATION SUPPORT

This is now the most popular support that there is, it can be put together in a minute, and is always satisfactory. 29 in. high.

	Doz.	100	1000
No. 11. 3 ring double	$0.65	$4.50	$42.50
No. 11. 3 ring single	.50	3.50	32.00

"MODEL" CARNATION SUPPORTS

	Doz.	100	1000
2 Ring	$0.60	$3.75	$30.00
3 Ring	.70	4.00	35.00

CUT FLOWER BOXES

HEAVY CORRUGATED PAPER

Size	Each	Per doz.
48 x 14 x 8 inch	$0.50	$5.00
42 x 14 x 8 "	.40	4.50
36 x 14 x 6 "	.35	3.50
24 x 8 x 5 "	.20	2.00

LIGHT WEIGHT PAPER

Size	Doz.	100
14 x 5 x 3	$0.35	$2.25
20 x 4 x 3	.40	2.50
16 x 5 x 3	.40	2.50
18 x 5 x 3	.45	2.65
19 x 5 x 3¼	.50	3.00
18 x 7½ x 3½	.60	3.50
21 x 5 x 3¼	.60	3.50
23 x 5 x 3½	.65	3.75
21 x 7 x 3½	.65	3.75
21 x 8 x 4	.70	4.00
23 x 7 x 3½	.70	4.00

HEAVY WEIGHT PAPER

Size	Doz.	100
23 x 12 x 4	$1.00	$6.50
28 x 8 x 5	1.00	6.50
30 x 9 x 4	1.00	6.50
36 x 8 x 5	1.25	8.25
23 x 12 x 5	1.25	8.25
30 x 9 x 6	1.35	8.75
30 x 12 x 6	1.50	11.00
30 x 14 x 8	2.40	16.50
36 x 12 x 6	2.40	16.50

We can also supply other sizes of boxes.

PAPER FOR FLOWERS

		Lb.	5 lbs.	Ream
Manilla.	For wrapping	$0.10	$0.45	$1.60
"	Tissue	.12	.55	1.00
Wax.	White, 24 x 36 in.	.30	1.25	2.50
"	Green, 24 x 36 in.	.35	1.50	3.00
White Tissue.	20 x 30 in.	.15	.70	1.25

PAINTED POT LABELS

	P. P. W. per 100	100	500	1000
4 inch	½ lb.	$0.12	$0.50	$0.85
4½ "	½ lb.	.15	.60	1.00
5 "	½ lb.	.20	.70	1.25
6 "	¾ lb.	.25	.85	1.50
8 "	2 lbs.	.40	1.85	3.50
10 "	2½ lbs.	.50	2.40	4.50
12 "	3 lbs.	.75	3.25	6.00
18 "	for field use	3.25		30.00

WOOD TREE LABELS, Etc.

P. P. Weight on Tree Labels, ½ lb. per 100.

		100	1000
Iron Wired.	Plain	$0.15	$1.00
" "	Painted	.20	1.25
Copper Wired.	Plain	.20	1.25
" "	Painted	.25	1.50

Copper Sheet, wired..20c. doz.; 100, $1.10
Zinc Sheet, wired....20c. doz.; 100, $1.10
Indelible Marking Pencils.....each, 5c.

SUNDRIES

Bulb Fibre. 30c. ½ peck; peck, 50c.; 85c. ½ bu.; bu., $1.50.

Charcoal. For use in potting. Pk., 25c.; bu., 75c.; bbl., $1.75.

Carnation Bands (Rubber). For mending calyx. 30c. per oz.; ¼ lb., $1.00.

Carnation Staples for mending carnation calyx. 60c. per 1000.

Cocoanut Fibre. 10c. qt.; 4 qts., 25c.; 40c. pk.; bu., $1.00; 5 bu., $3.75.

Daylite Glass Cleaner. For cleaning greenhouse, conservatory and hot bed sash glass. $1.10 per gal.; 5 gals., $5.00.

Grafting Wax. ¼ lb., 10c.; ½ lb., 15c.; 25c. lb.; 5 lbs., $1.10.

Moss, *Green Lump.* Pk., 35c.; bu., 75c.; bbl. bag, $1.75. *Green Sheet.* Pk., 50c.; bu., $1.25; bbl. bag, $3.50. *Sphagnum (dry).* Pk., 20c.; bu., 50c.; barrel size bales, $1.00; 5 bbl. bales, $2.50. *Sphagnum (live).* Pk., 25c.; bu., 85c.; bbl., $1.75.

Pebbles. Per qt., 5c.; pk., 30c.; bu., $1.10; bbl., $2.50.

Peat or Leaf Mould. Five barrels, $6.25; pk., 25c.; bu., 75c.; bbl., $1.50.

Peat, Orchid. Per barrel bag, $2.25; pk., 30c.; bu., $1.00.

Sand for propagating. Per qt., 5c.; pk., 20c.; bu., 70c.; bbl., $1.75.

Shaderine. For shading greenhouse glass. 5 lbs., $1.25; 10 lbs., $1.75; $4.50 for 30 lbs.

Soil. For potting. Qt., 5c.; ½ pk., 15c.; pk., 20c.; bu., 70c.; bbl., $1.75.

Styptic. Thomson's, for pruning. $1.00 per bottle.

Tin Foil. 15c. per lb.; 70c. per 5 lbs.

Toothpicks. Plain, box, 7c.; 35c. for 6 boxes.

Toothpicks. Wired, 1000, 25c.; 10,000, $2.00.

Toothpicks. 6-inch, wired, green. Per 500, 30c.; $1.50 per 3000.

Violet and Green Foil. 40c. lb.

Weed Killer. Herbicide. 50c. qt.; ½ gal., 80c.; $1.50 per gal.; 2 gals., $2.75.

Weed Killer (Michell's). 45c. per qt.; ½ gal., 65c.; $1.15 per gal.; 5 gals., $5.00; $9.50 for 10 gals.; 25 gals., $20.00.

Zementine. For whitewashing and shading. 2 lbs., 15c.; 10 lbs., 70c.

PLANT STAKES, WIRE, Etc.

GREEN TAPERING STAKES

	Parcel Post Weight Per doz.	Each	Doz.	100
1½ feet	½ lb.	$0.02	$0.17	$1.00
2 "	½ lb.	.03	.28	1.70
2½ "	1 lb.	.04	.39	2.40
3 "	1¼ lbs.	.05	.51	3.20
3½ "	1½ lbs.	.06	.63	4.00
4 "	2 lbs.	.07	.75	4.80
5 "		.08	.88	5.60

ROSE OR DAHLIA STAKES

Round tapering style; painted green.

	Weight per doz.	Each	Doz.	100
3 feet	2½ lbs.	$0.08	$0.75	$4.85
3½ "	4 lbs.	.09	.88	5.68
4 "	5 lbs.	.10	1.10	6.50
5 "		.12	1.25	8.15
6 "		.15	1.55	9.80

SQUARE PLANT STAKES

These are painted green and nicely tapered and finished.

	Weight per doz.	Each	Doz.	100
1½ feet	½ lb.	$0.02	$0.14	$1.00
2 "	½ lb.	.02	.22	1.58
2½ "	1 lb.	.03	.31	2.25
3 "	2 lbs.	.05	.50	3.60
3½ "	2½ lbs.	.06	.59	4.28
4 "	4 lbs.	.07	.69	4.95
5 "		.09	.94	6.75
6 "		.12	1.19	8.55

WOOD DOWEL STAKES

Length	Diam.	Wt. per doz.	Doz.	100	1000
24 in.	⅜ in.	1 lb.	$0.12	$0.70	$5.25
24 "	¼ "	½ lb.	.12	.70	5.25
36 "	¼ "	¾ lb.	.15	.85	6.50
36 "	3/16 "	¾ lb.	.15	.85	6.50
36 "	5/16 "	1 lb.	.15	.85	6.50
36 "	⅜ "	1¼ lbs.	.15	.85	6.50
36 "	⅝ "	3 lbs.	.20	1.25	9.00
42 "	3/16 "	½ lb.	.20	.95	7.50
42 "	¼ "	1 lb.	.20	.95	7.50
42 "	5/16 "	1½ lbs.	.20	.95	7.50
42 "	⅜ "	1½ lbs.	.20	.95	7.50
42 "	⅝ "	4 lbs.	.25	1.35	11.00

The above are plain stakes, if wanted dyed green add 5c. per doz.; 15c. per 100; per 1000, $1.00 to the above prices.

CANE STAKES (Natural)

	Doz.	100	250	1000
Southern, 8 to 9 ft.	$0.25	$1.00	$2.25	$8.00
Japanese, 5 to 6 ft.	.25	1.00	2.25	8.00

JAPANESE GREEN CANE STAKES

These are very attractive for all purposes, where it is heavy enough.

	Doz	100	500	1000
1½ feet	$0.12	$0.60	$2.25	$3.75
2 "	.15	.75	2.50	4.50
2½ "	.20	.85	2.75	5.00
3 "	.25	1.00	3.25	6.00
4 "	.30	1.20	4.50	8.00

BAMBOO POLES

18ft., very strong; used extensively for brushing worm casts off Putting Greens. Each, 25c.; doz., $2.50; $15.00 per 100.

HYACINTH STAKES

Used for staking hyacinths, tulips and slender plants; dyed green.

	Parcel Post Weight per 100	Doz.	100	1000
5 inch	1½ lbs.			
12 inch	2 lbs.	$0.05	$0.25	$1.50
18 inch, light	2 lbs.	.08	.40	2.00
18 inch, heavy		.10	.50	3.25

GALVANIZED WIRE STAKES

No. 10 Wire, light

	Parcel Post Weight doz.	Doz.	100	1000
2 feet	1½ lbs.	$0.12	$0.75	$5.75
2½ "	1½ lbs.	.15	.90	7.20
3 "	2 lbs.	.18	1.05	8.90
3½ "	2¼ lbs.	.22	1.30	10.35
4 "	2½ lbs.	.25	1.50	12.05
4½ "	3 lbs.	.30	1.60	13.80
5 "		.35	1.80	14.55
6 "		.40	2.10	16.40

No. 8 Wire, heavy

	Parcel Post Weight doz.	Doz.	100	1000
2 feet	2 lbs.	$0.15	$0.90	$7.20
2½ "	2½ lbs.	.18	1.20	8.90
3 "	2¾ lbs.	.22	1.45	10.90
3½ "	3 lbs.	.26	1.60	12.90
4 "	3½ lbs.	.30	2.05	16.10
4½ "	4 lbs.	.35	2.25	17.25
5 "		.40	2.40	18.40
6 "		.45	2.70	20.70

Everlasting Stake Fastener

Blake Lock Clip

STAKE FASTENERS

These take the place of string entirely, lasting several seasons, used for fastening cross wires to galvanized stakes.

	Parcel Post Weight per 100	500	1000
Blakes	2 ozs.	$0.85	$1.60
Everlasting	½ lb.	1.75	3.25
Eureka	¼ lb.	1.00	1.90

WIRE IN STONES

Allow for postage if wanted by mail.

		Lb.	12 lb. Stone
No. 16.	**Galvanized**	$0.10	$0.85
No. 18.	"	.11	1.00
No. 19.	"	.12	1.10
No. 20.	"	.13	1.15
No. 22.	"	.14	1.30
No. 24.	"	.15	1.50
No. 16.	**Annealed**	.08	.70
No. 18.	"	.09	.80
No. 20.	"	.10	.85
No. 22.	"	.11	.90
No. 24.	"	.12	1.10

Tinned, cut 8½ in., 15c. lb.; 10 lbs., $1.30.

TINNED WIRE

No. 19, 11c. lb.; per 12 lb. stone, 90c.

In 10-lb. boxes, cut 8½ inches, 15c. per lb.; per box, $1.40.

CUT BOUQUET WIRE

For Stemming Flowers

Cut 9, 12 or 18 inches in length.

No. 20, 12c. per lb.; per box, 12 lbs., $1.30
No. 22, 14c. per lb.; per box, 12 lbs., 1.40
No. 24, 15c. per lb.; per box, 12 lbs., 1.50

RAFFIA

For tying, basket making and fancy work, very long and fibrous.

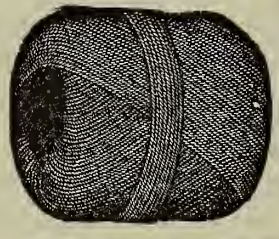
Natural Color. Price, 20c. per lb.; 5 lbs. for 90c.

Colored. In all shades. Send for samples of color. 20c. per ¼ lb.; 1 lb., 60c.; $2.50 for 5 lbs. Allow for postage if Raffia is wanted by Parcel Post.

RAFFIATAPE

This article is made of a composition of paper and linen and is tremendously strong, it is about ⅛ inch wide and is put up in 250 yard bolts or hanks. This is very desirable for tying bouquets, flower boxes or for any other purpose where attractive tying material is desired. Color, Nile green. *Parcel Post Weight, per bolt, ½ lb.*

Per bolt of 250 yards, 75c.; 6 bolts, $4.25; 12 bolts, $8.00.



TWINES, ETC.

	Ball	lb.
No. 12, Light Italian Twine	$0.20	$0.40
No. 18, Medium Italian Twine.	.20	.40
No. 24, Heavy Italian Twine	.20	.40
No. 36, Heavy Italian Twine	.20	.35
2 ply, 3 ply and 5 ply jute	.10	.20
Linen Bouquet	.08	.45
Boston Linen, 2 and 3 ply	.20	.35
Green Sea Island	.10	.45
Special Thin White Cotton	.08	.30
2 ply Texas White Cotton	.07	.30
Tarred, for Mat Making	.20	
Tarred Sisal for Fodder		.12
Binder (5-lb. ball)	.75	
Express, very heavy	.15	

Green Silkaline. For stringing Smilax and Asparagus, etc. F, fine; FF, medium; FFF, coarse.

Price, per spool, 25c.

Price, per lb. (8 spools) $1.50

Green Linen (substitute for Silkaline), very similar to the above, fast color.

Price, 20c. per ball; 85c. per lb.

MICHELL'S HIGH GRADE FERTILIZERS

All Prices on Fertilizers Subject to Market Changes

Acid Phosphate. (See Phosphate.)

Animal Bone and Potash. An ideal fertilizer for almost any farm or garden crop. Apply at the rate of 400 to 600 lbs. per acre. Per 200-lb. bag, $3.25; $14.00 per ½ ton; ton, $27.00.

Ashes (Canadian Hard Wood). Apply 1000 lbs. per acre. For top dressing lawn and grass fields, it is applied to best advantage either in very early spring or late fall. 5 lbs., 20c.; 35c. per 10 lbs.; 25 lbs., 60c.; $1.00 per 50 lbs.; 100 lbs., $1.50; $2.75 per 200-lb. barrel; 1000 lbs., $11.50; $22.00 per ton.

Ashes (Domestic Hard Wood). We had opportunity to secure a quantity of these Wood Ashes from a nearby concern, and on account of the savings in transportation we are able to furnish this article at a much reduced rate. It is rich in Potash, a very scarce article just now. Excellent for topdressing lawns or grass fields, or for mixing with potting soil. Not less than 100 lbs. sold. $1.25 per 100 lbs.; 500 lbs., $5.50; $10.50 for 1000 lbs.

Asparagus Fertilizer (Pure Bone and Potash). Apply 600 lbs. per acre. 85c. per 25 lbs.; 50 lbs., $1.25; $2.25 per 100 lbs.; 200 lbs., $4.25; $37.50 per ton.

Basic Slag. (See Phosphate.)

Blood (Dried). For indoor culture of flowering plants, like roses, carnations, etc., its chief element being nitrogen. 5 lbs., 30c.; 50c. per 10 lbs.; 25 lbs., $1.25; $2.00 per 50 lbs.; 100 lbs., $3.75; $6.75 per 200 lbs.

Blood Flour. Apply 200 lbs. per acre. Much like dried blood except that it is finer and acts almost instantly. 5 lbs. 50c.; 85c. per 10 lbs.; 25 lbs., $1.50; $2.75 per 50 lbs.; 100 lbs., $5.00; $9.50 per 200 lbs.

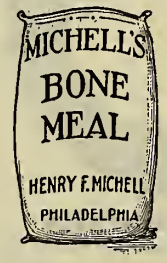
Bon Arbor. A concentrated chemical fertilizer similar to Bonora but less expensive; used in liquid form according to directions on the packages. 1 gal., $2.00; $9.25 per 5 gals. In powder form, dilutes 1 lb. of powder to 30 gals. of water. ½-lb. can, 30c.; per 1 lb., 50c.; $1.80 per 5 lbs.; 50 lbs., at 25c. per lb.; 100 lbs., at 20c. per lb.; bbls. (200 to 250 lbs.), 18c. per lb.

Bone (Coarse Cracked). ¼ to ½ size. This is particularly used for fruit trees, grape vines, etc.; apply at the rate of from 3 to 5 lbs., at the base of each vine or tree, and work it into the soil. Per 200 lbs., $6.00; $25.00 per ½ ton; per ton, $47.50.

Bone (Coarse Ground). Apply 600 to 800 lbs. per acre. Prepared from raw bones, exactly like bone meal except that it is not so fine, or quick in action; is used for the same purposes. 5 lbs., 25c.; 40c. per 10 lbs.; 25 lbs., 85c.; $1.50 per 50 lbs.; 100 lbs., $2.50; $4.50 per 200 lbs.; per ton, $38.00.

Bone Flour. Apply 600 lbs. per acre. Very fine, like dust, effective almost immediately; can be used for indoor or outdoor purposes. 5 lbs., 30c.; 45c. per 10 lbs.; 25 lbs., $1.00; $1.50 per 50 lbs.; 100 lbs., $2.50; $4.50 per 200 lbs.; ton, $40.00.

Bone Flour (Superfine Grade). Effective immediately; excellent for roses, chrysanthemums, etc., in 100-lb. bags only. Per bag, $3.00; 2 bags for $5.50.



Bone Meal (Fine Ground). Apply 600 to 800 lbs. per acre. Made from raw bone, without any addition of materials. Extensively used for lawns, greenhouse and in any case where a moderately slow stimulant fertilizer is wanted. 3 lbs., 15c.; 25c. for 5 lbs.; 10 lbs., 40c.; 75c. per 25 lbs.; 50 lbs., $1.25; $2.25 per 100 lbs.; 200 lbs., $4.00; $35.00 per ton.

Bone Meal (Michell's Special Grade). We have been fortunate in locating a source from which we could get an unusual high grade of Bone Meal. It is unusually rich in nitrogen and phosphoric acid, the two principal plant foods. We recommend this especially for lawns, gardens and greenhouses, or any purpose where a high-class fertilizer counts. Always specify Michell's Special Grade when ordering. 100 lbs., $2.25; $4.00 per 200 lbs.; ton, $37.50.

Bonora. It may be used in either dry or liquid form; excellent for greenhouse and pot plants or vegetable forcing. 25c. per trial pkg. (by mail, 30c.); 50c. per lb.; $2.50 per 5 lbs. If wanted by mail allow for postage.

Chrysanthemum Manure (Thomson's Special). Especially recommended and used by the leading private gardeners of England and America. Very highly concentrated. Can be used in liquid and in dry form. Per 28-lb. sack, $4.50; $7.50 per 56-lb. sack.

Clay's Fertilizer. An English chemical fertilizer, for forcing greenhouse plants and vegetables. It can be used in either dry or liquid form. 15c. per lb.; 5 lbs., 60c.; $1.10 per 10 lbs.; 28 lbs., $2.00; $3.50 per 56 lbs.; 112 lbs., $6.50.

Climax Lawn Sand. An unique combination of carefully dried and finely ground chemicals. Destroys weeds in lawns. 3½-lb. can, 40c.; 7-lb. can, 75c.; 14-lb. can, $1.25; 28-lb. pkg., $2.00; 56-lb. pkg., $3.50; 112 lbs., $6.00; 560 lbs., $25.00; 1120 lbs., $45.00.

Copperas (Sulphate of Iron). The low cost of this makes it very valuable for field as well as lawn use, it being one of the best articles for the destruction of Canada thistle and other weeds difficult to eradicate. Especially valuable for eradicating dandelion, sorrel, etc. It dilutes 100 lbs. to 52 gallons of water, enough to treat an acre, and is applied with a sprayer. While it destroys weeds it stimulates the grass. 25 lbs., 75c.; 50 lbs., $1.25; 100 lbs., $1.75; 200 lbs., $2.50; 500 lbs., $5.75; 1000 lbs., $11.00.

Cotton Seed Meal. Apply 600 lbs. per acre. Exceedingly rich in potash and ammonia, making it excellent for use as a grass and grain fertilizer; for putting greens it is invaluable. 5 lbs., 25c.; 40c. per 10 lbs.; 25 lbs., 85c.; $1.50 per 50 lbs.; 100 lbs., $2.75; $5.00 per 200 lbs.; ton, $40.00.

Cow or Cattle Manure (Shredded). One sack of this is equal to one cartload of cow manure, is convenient to handle, making it possible for everyone to get this usually scarce article at all times. 5 lbs., 25c.; 40c. for 10 lbs.; 25 lbs., 75c.; $1.25 per 50 lbs.; $2.00 per 100 lbs.; 500 lbs., $9.00; $16.00 per 1000 lbs.; ton, $30.00.

Cow Manure (Pulverized). A fine top dressing for lawns or gardens or in greenhouses; apply 1000 lbs. per acre. In 100-lb. bags only, $2.00; $9.00 per 500 lbs.; ton, $30.00.

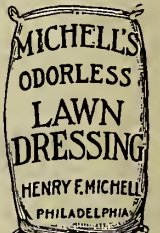
Farmo-Germ. A nitrogen-gathering bacteria to be used when planting or sowing leguminous plants, as clover, peas, beans, etc. Garden size bottles, 25c. and 50c.; acre size bottles, $2.00; $6.00 for 5 acre bottles.

Dried Ground Fish. Apply 300 to 400 lbs. per acre. For truck and plant forcing this is recommended. Also used to mix with other fertilizers to increase the ammonia analysis. In 200-lb. sacks only, $6.50; $60.00 per ton.

Guano Peruvian Substitute. Apply 600 lbs. per acre. This has a very high analysis of all necessary plant food elements and is now extensively used in place of Peruvian Guano, which has become extremely scarce. It is recommended for all farm and vegetable crops. On account of great scarcity we are unable to supply this article just now.

Horn Shavings. Used principally for mixing in potting soil is rich in ammonia; especially valuable in chrysanthemum growing. 10c. per lb.; 5 lbs., 40c.; $1.75 per 25 lbs.; 50 lbs., $2.75; $5.00 per 100 lbs.

Horse Manure (see Manure, page 101).



Kainit (Potash Salts). Apply about 800 to 1000 lbs. per acre. Excellent for potatoes, corn and other grains. On account of European complications we were unable to determine prices when this catalog went to press. However, we will fill orders at lowest prevailing rates.

Land Plaster. Apply about 1000 to 1500 lbs. per acre. For a top dressing on sour and wornout soils, also for mixing with Paris Green. 5 lbs., 15c.; 35c. per 25 lbs.; 50 lbs., 60c.; $1.00 per 100 lbs.; 200 lbs., $1.50; $10.00 per ton.

ON PARCEL POST SHIPMENTS

If remittance accompanies order, it should include mailing charges.

MICHELL'S HIGH GRADE FERTILIZERS

Prices on all FERTILIZERS Subject to Market Changes

Lawn Dressing (*Michell's Odorless*). Apply 500 to 600 lbs. per acre. A quick stimulant for lawns and grass lands. 5 lbs., 30c.; 50c. per 10 lbs.; 25 lbs., $1.00; $1.75 per 50 lbs.; 100 lbs., $3.00; $5.00 per 200 lbs.; 1000 lbs., $21.00; $40.00 per ton.

Lawn Sand (*Climax*). A single application is generally all that is needed. Select a bright sunny day, apply at the rate of 3½ lbs. to 150 square feet (a space 10 x 15). It fertilizes the grass, besides destroying the weeds. 3½ lb., 40c.; 75c. for 7 lbs.; 14 lbs., $1.25; $2.00 for 28 lbs.; 56 lbs., $3.50; $6.00 for 112 lbs.

Lime (*Hydrated or Powdered*). This is a very fine article for distributing on grass. It promotes growth, gives the grass a rich color and has a tendency to prevent the growth of weeds. Apply one ton per acre on fields or ½ ton on lawns. Per 100-lb. sack, $1.25; 500 lbs., $4.75; ton, $12.50. Special price in carload lots and f. o. b. factory.

Lime (*Lump or Land*). This is the screenings or forkings from the lime kilns and is extremely valuable for field use. In car lots only; price on application. Apply 2,500 to 3,500 lbs. per acre.

Limestone (*Pulverized*). For applying on sour or wornout soils at the rate of 1 ton per acre. Put up in 100-lb. bags (no smaller quantity sold), $1.00 per bag; 1000 lbs., $6.00; $10.00 per ton. ($6.25 per ton, f. o. b. factory.)

Humus (*Alphano*). An excellent article to incorporate with poor soil in the garden, greenhouse or in potting plants. When used in garden work, the ground should be covered with from ½ to 2 inches of Humus and spaded in. 5 lbs., 15c.; 25c. for 10 lbs.; 25 lbs., 50c.; $1.00 per 100 lbs.; 500 lbs., $4.50; $8.00 per 1000 lbs.; per ton, $15.00. Special price, f. o. b. factory and in carload lots.

Manure (*Fresh Horse, Stockyard and Cow*). At short notice we can usually supply first-class horse, cow and stockyard manure in carload lots only. Prices quoted on request.

MAPES' CELEBRATED FERTILIZERS. No less than 200-lb. sacks of Mapes' fertilizers are sold.

	F. O. B. 200 lbs.	Factory Ton	F. O. B. Phila. 200 lbs.	Phila. Ton
Potato Manure	$6.25	$60.00	$6.50	$62.00
Corn Manure	5.75	56.00	6.00	57.00
Complete Manure, for general use	5.75	56.00	6.00	57.00
Complete Manure, for average soils	6.00	57.00	6.25	59.00
Complete Manure, for light soils	6.50	63.00	6.75	65.00
Vegetable Manure, for all soils	4.75	46.00	5.00	48.50
Early Vegetable and Truck Manure	4.75	46.00	5.00	48.50

Muriate of Potash. Apply 100 to 150 lbs. per acre, usually with other fertilizers. This must be used with great care, as it is very powerful. Excellent for potatoes, corn, grains, etc. Analysis, equal to 50% actual potash. Owing to European complications we are unable to state prices, will fill orders at lowest quotations.

Nitrate of Soda. Apply 100 to 150 lbs. per acre, mixing with land plaster or other fertilizers to render application more easy. Use only after plants are above ground. If used in liquid form dilute two ozs. to 1 gal. of water and do not apply oftener than twice a week. 1 lb. tin, 15c.; 40c. per 5 lb. tin; 10 lb. bag, 75c.; $1.50 per 25 lb. bag; 50 lb. bag, $2.50; $3.50 per 100 lb.; 200 lb., $6.25; $29.00 per ½ ton; ton, $56.00.

Nitragin. For inoculating Clovers and other legumes of all kinds. When ordering, please state for what crop you desire to use it. Garden size (¼ acre), 50c.; 1 acre size, $2.00; 5 acre size, $9.00.

Plant Food (*Michell's*). A highly concentrated chemical fertilizer for house use. 15c. per 6-oz. pkg.; 4 pkgs. by express (not prepaid), 50c. Allow for postage if wanted by mail.

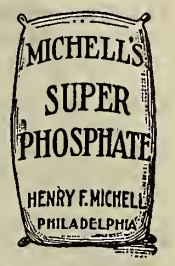
Plant Food (*Bowker's*). Similar to the above in character and purpose, entirely odorless. 4-oz. pkgs., 15c; 12-oz. pkgs., 25c. Allow for postage if wanted by mail.

Phosphate for Corn (*H. G. Potash Mixture*). Apply 500 to 600 lbs. per acre. This contains the necessary ingredients to produce a bumper crop of either field or sugar corn. Per 200 lbs., $3.25; per ½ ton, $13.00; $25.00 per ton.

Phosphate, High-Grade Acid Tennessee or South Carolina Rock. 14%. Apply 1000 lbs. per acre. Used for mixing with other fertilizers to increase the phosphoric acid analysis. In 200-lb. sacks only, $2.00; $14.50 per ton.

Phosphate, Michell's High-Grade Ammoniated. For all vegetable crops, grain, grass, etc. Apply 500 to 600 lbs. per acre broadcast. 5 lbs., 20c.; 35c. per 10 lbs.; 25 lbs., 60c.; $1.00 per 50 lbs.; 100 lbs., $1.75; $3.25 per 200 lbs.; ton, $26.00.

Phosphate (*Thomas' Basic Slag*). Used extensively for top dressing lawn, grass and grain lands; contains the proper elements to produce a rich luxuriant growth; apply 600 to 800 lbs., per acre. $2.75 per 200-lb. bag; per ton, $22.50.



Potato Phosphate (*Michell's Hi-Grade*). Apply 400 to 600 lbs. per acre. The best fertilizer for potatoes, being extremely rich in every ingredient that potatoes thrive on. 25 lbs., 85c.; $1.25 per 50 lbs.; 100 lbs., $2.25; $4.00 per 200 lbs.; ½ ton, $19.00; ton, $36.00.

Potato Manure (*Baugh's*). Apply at the rate of from 400 to 600 lbs. per acre. 25 lbs., 75c.; $1.10 per 50 lbs.; per 100 lbs., $2.00; $3.50 per 200 lbs.; per ton, $30.00.

Poudrette (*Native Guano*). Apply 1000 lbs. per acre. Extensively used for garden, lawns, in making compost and in fact wherever a good, quick acting fertilizer is wanted. It is odorless and easily handled. Poudrette is absolutely harmless to human beings. Applied as a fertilizer to any garden crop. 5 lbs., 20c.; 35c. per 10 lbs.; 25 lbs., 60c.; $1.00 per 50 lbs.; 100 lbs., $1.50; $2.75 per 200 lbs.; 600 lbs., $6.00; $9.50 per 1000 lbs.; per ton, $18.00.

Salt. For agricultural purposes, asparagus beds and putting on walks and roads to kill weeds. Apply 600 to 800 lbs. per acre in early spring. 10 lbs., 20c.; 30c. for 25 lbs.; 50 lbs., 55c.; $1.00 per 100 lbs.; 200 lbs., $1.50; $10.00 per ton.

Sheep Manure (*Wizard Brand*). Apply 1000 lbs. per acre. For garden, lawn or greenhouse use, nothing surpasses sheep manure, it is clean and easily handled, besides giving immediate results. 2 lbs., 15c.; 25c. per 5 lbs.; 10 lbs., 40c.; 75c. per 25 lbs.; 50 lbs., $1.25; $2.00 per 100 lbs.; 500 lbs., $9.00; $16.00 per 1000 lbs.; per ton, $30.00.

Soot (*Imported Scotch*). This is used principally for bringing a good healthy color into the foliage of chrysanthemum and other greenhouse plants. Also destroys insects and grubs that work on and underneath the surface. 10c. lb.; 5 lbs., 35c.; $1.00 per 25 lbs.; 112 lbs., $3.75.

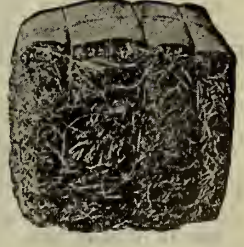
Sulphate of Ammonia. Apply 75 to 100 lbs. per acre only with other fertilizers deficient in nitrogen. This material will stimulate growth almost immediately. Analysis, equal to 25% of ammonia. Owing to European complications, we are unable to state prices; will fill orders at lowest quotations.

Sulphate of Potash. Apply 100 to 125 lbs. per acre, usually with other fertilizers. On account of its great strength it must be used judiciously. Valuable for root and grain crops. Analysis, equal to 50% of actual potash. Owing to European complications, we are unable to state prices; will fill orders at lowest quotations.

Tankage. This is usually applied to plants such as roses, etc., under glass. It is similar to dried blood. 5 lbs., 30c.; 50c. per 10 lbs.; 25 lbs., $1.00; $1.50 per 50 lbs.; 100 lbs., $2.50; $4.00 per 200 lbs.; ton, $36.00.

Thomson's Special Flower, Vegetable and Vine Manure. Imported from England, this excellent chemical fertilizer is extensively used wherever it is desired to force flowers or vegetables. 15c. lb.; 5 lbs., 60c.; $1.10 per 10 lbs.; 28 lbs., $1.75; $3.25 per 56 lbs.; 112 lbs., $6.25.

Tobacco Stems. For fumigating, mulching and fertilizing these are invaluable. The chief fertilizing element in them is the potash. They make an excellent top dressing for lawns in winter. Lb., 5c.; 20c. per 5 lbs.; per bushel, 50c.; $1.00 per barrel sack; large bales, $2.00; $6.50 per ½-ton; ton, $12.00.



Wood Ashes. See Ashes at top of opposite page.

Wheat Fertilizer. Recommended especially for all grass and grain crops. Apply 500 to 600 lbs. per acre. 200 lbs., $3.25; ½ ton, $14.50; $28.00 per ton.

Fertilizers, if desired by parcels post, please include sufficient for postage charges on cash orders (hc)

Michell's Insect Destroying Preparations

Prices on Insecticides Subject to Market Changes

Ant Exterminator. A powder that is used for distributing around buildings, on the greenhouse benches, on lawns, gardens, and any other places infested by ants. Per ¼ lb., 20c.; per ½ lb., 40c.; 75c. per lb.; 5 lbs., $3.00.

Anti-Pest (*Carmen's*). For destroying red spider, scale and green fly. 50c. qt.; ½ gal., 75c.; $1.40 per gal.; 5 gals., $5.75.

Aphine. For destroying aphis, green fly, thrip, red spider and other greenhouse and outdoor insects. It dilutes readily in water about 1 part to 40 of the latter. ¼ pt., 25c.; 40c. per ½ pt.; pt., 65c.; $1.00 per qt.; per gal., $2.50.

Aphis Punk. A paper that has been thoroughly saturated with nicotine. Used for fumigating, giving off dense fumes of nicotine. Excellent for aphis, thrip, white and green fly, also red spider. (For use in greenhouses only.) Per pkg., 60c.; $6.50 per 12 pkgs.

Arsenate of Lead. For spraying trees and shrubs against the attacks of leaf-biting insects of all kinds, especially valuable for spraying to prevent the codling moth. It comes in paste form, and dilutes 1 lb. to 25 gals. water. Per lb., 25c.; 80c. per 5 lbs.; per 10 lbs., $1.50; $3.00 per 25 lbs.; $5.50 per 50 lbs.; per 100 lbs., $10.00.

Arsenate of Lead (Powdered). This form of Arsenate is extensively used. It is instantly soluble in water and a pound thereof goes almost twice as far as two pounds of paste arsenate. Further, you do not have to pay transportation charges on water, which acts as a preservative in paste arsenate. 1 lb. dilutes to 50 gals of water. 35c. per lb.; 5 lbs., $1.50; $2.75 per 10 lbs.; 25 lbs., $6.00; $10.50 per 50 lbs.; 100 lbs., $20.00.

Black Leaf 40. A concentrated solution of nicotine Sulphate, an excellent spray for black aphis sucking insects of all kinds; dilutes 1 part to 900 or 1000 parts of water, according to treatment. Full directions on each package. 25c. for 1 oz. bottle; ½ lb., 75c.; $2.50 per 2 lbs.; 10 lbs., $10.75.

Bordeaux-Arsenate. This is a combination of Arsenate of Lead and Bordeaux Mixture, in nature like Pyrox. Its use combines an application of Fungicide and Insecticide at one time. A pound dissolves with 5 gallons of water. It sticks to the foliage and will not wash off for a long period. 1 lb., 20c.; 80c. per 5 lbs.; 10 lbs., $1.40; $3.25 per 25 lbs.; 50 lbs., $5.50; $10.00 per 100 lbs.

Bordeaux Mixture. Used principally for mildew, blight and fungous diseases that affect potatoes and fruit trees. *Paste Form:* 1 qt., 40c.; $1.00 per gal.; 5 gals., $4.50. One gallon makes 50 gallons material. *Dry Form:* 1 lb., 20c.; 5 lb. pkg. (makes 30 gals.), 70c.; $1.00 per 10-lb. pkg. (makes 50 gals.).

Boro-Wax. For painting trees to destroy and keep away borers. 35c. per qt.; ½ gal., 60c.; per gal., $1.00; $5.00 for 6 gallons.

Bug Death. Largely used instead of Paris Green. It is claimed to have the same effect. The manufacturers say that it acts as a fertilizer as well as an insecticide. It comes in powder form, and is applied pure. Not poisonous to persons. Per lb. 15c.; 35c. per 3 lbs.; per 5 lbs., 50c.; per 12½ lbs., $1.00; $7.50 per 100 lbs. (Special Shaker for Bug Death, 25c.)

Carbolineum (*Arvenarius*). A germicide and disinfectant, also an excellent wood preserver when used as a paint. $1.50 gal.

Copper Solution. Made of sulphate of copper and other materials. Excellent spray for carnation rust and diseases of the grape, pear, apple, and other fruits. A good thing to use for leaf blight and mildew. It is diluted in water. Per qt., 60c.; $1.75 per gallon.

Cow Ease. Excellent for keeping flies and gnats off domestic animals. Applied with a sprayer or a sponge. Per qt., 35c.; $1.00 per gal.; per 5 gals., $4.50.

Cyanide of Potassium. For fumigating. 25c. per ¼ lb.; lb., 50c.

Cut Worm Destroyer (*Reade's*). For killing cut worms, grubs and maggots that work in the soil; positively a sure remedy. 1 lb., 25c.; 10 lbs., $1.25; $2.50 for 25 lbs.; 100 lbs., $7.50

Dalmation or Persian Powder. For ridding buildings of all kinds of various insect pests. Particularly for the smaller and creeping kinds, as it is not strong enough to destroy large or more hardy insects. 15c. per ¼ lb.; per lb., 45c.; $2.00 per 5 lbs.

Death to Lice (*Lambert's*) for plant lice, adhesive to foliage. 5 oz., 10c.; 25c. for 15 oz.

Fir Tree Oil Soap. This is very much like the Fir Tree Oil, except that it is in the shape of soft soap, and many prefer to use it in that way. It is dissolved according to directions in warm or hot water and used as a spray or wash. Per ½ lb., 25c.; 75c. per 2-lb. can.

Fungine. An excellent remedy for fungous diseases of all kinds. 75c. per qt.; per gal. $2.00.

Grape Dust. A powder preparation used for mildew, aphis, black fly, and other insects and fungous diseases, principally in greenhouse. Per 5 lbs., 40c.; 75c. per 10 lbs.; per 25 lbs., $1.75; $6.00 per 100 lbs.

Getz There Soap. Ideal for washing palms and spraying in place of Whale Oil Soap. 2 lbs., 40c.; $1.00 for 8 lbs.; 25 lbs., $2.50.

Hellebore. The ideal material for destroying rose bugs, currant worms, and other soft-shelled insects that infest the garden. It can be applied dry or in liquid form. Per ¼ lb., 10c.; 15c. per ½ lb.; per lb., 25c.; $1.15 per 5 lbs.; per 10 lbs., $2.10.

Hydrocyanic—Acid Gas (Fumigation with Cyanide Potassium) Poison. Put four ounces of water in a galvanized iron pail, add to this 2 oz. of Sulphuric Acid, wrap an ounce of Cyanide of Potassium in paper and place it in the bucket, which should be placed near the door of the greenhouse to afford quick exit; the moment the Cyanide strikes the liquid it generates a poisonous gas which must not be inhaled. The above charge is sufficient for 1000 cubic feet of space. Don't open the greenhouse for at least 12 hours. One of the ventilating sash should be arranged so it can be opened from the outside to allow the fumes to escape entirely before entering. Claimed to be the only and best remedy for white fly. **Cyanide of Potassium** (Poison), per ¼ lb., 25c.; 50c. per lb. **Sulphuric Acid,** lb., 30c.

I X L Compound. English preparation for spraying; harmless to very delicate plants. Kills mealy bug, red spider and all insect pests. $3.50 per gallon.

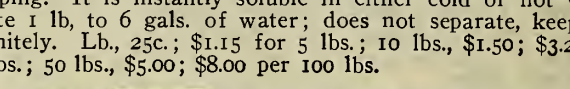
Kerosene Emulsion. An excellent spray for all mild forms of scale, and soft lice of any kind such as infest rose and fruit bushes, vegetables and trees. Dilutes 1 part to 20 parts of water. PASTE: Per lb., 20c.; per 5-lb. can, 75c.; per 25-lb. can, $3.00. LIQUID: Per qt., 40c.; per gal., 1.00; $4.50 per 5 gals.

Kil-o-Scale. Destroys and prevents the spread of scale insects of all kinds. Its chief use is the destruction of the San Jose Scale, which prevails in all parts of this country. It is diluted, one part Kil-o-Scale to twenty parts water. Per pt., 30c.; 50c. per qt.; per ½ gal., 75c.; per gal., $1.25; $5.00 per 5 gals.; 10 gals., $9.75; per 25 gals., $21.25; per 50 gals., $42.50.

Lemon Oil Co's Insecticide. The best and cheapest insecticide in the market. Used by nearly all the leading growers. It effectually destroys mealy bug, scale, thrip and red spider. Half pt., 25c.; pt., 40c.; qt., 75c.; half gal., $1.25; gal., $2.00; 5-gal. kegs, $9.00; 10-gal. kegs, $17.50.

Lime Sulphur. For destroying San Jose Scale. This is a concentrated form which is diluted 1 gal. to 12 or 15 gals. water, either hot or cold. May be used as a summer or winter spray, excellent to use as a fungicide. 25c. qt.; ½ gal., 45c.; 75c., gal.; 5 gals., $2.25; $3.75 for 10 gals.; 25 gals., $6.00; $9.00 per 50 gals.

Lime Sulphur (*Dry Powder Form*). Powdered Lime Sulphur is becoming very popular on account of the small expense for shipping. It is instantly soluble in either cold or hot water, dilute 1 lb, to 6 gals. of water; does not separate, keeps indefinitely. Lb., 25c.; $1.15 for 5 lbs.; 10 lbs., $1.50; $3.25 for 25 lbs.; 50 lbs., $5.00; $8.00 per 100 lbs.



CARBONDALE HYDROMETERS

These are highly recommended by the Pennsylvania State Department of Agriculture for testing the gravity of Lime Sulphur solution; one should be in the hands of every man who uses this material. Price, $1.00. (Postpaid, $1.10.) With directions.

Nicoticide. Used as a spray or as a vapor, principally in the latter way, it is placed in a tin saucer with lamp underneath, and the nicotine fumes are thus distributed. It is very effective in destroying thrip, aphis, white fly, and red spider, etc. Per ¼ pt., 70c.; per ½ pt., $1.25; per pt., $2.50; per qt., $4.50; $8.25 per ½ gal.; 1 gal., $15.00. (LAMPS for Nicoticide, 50c. each.)

Nicotinana. A nicotine solution for spraying and vaporizing. $1.50 per qt.; per gal., $4.50.

The Price on all Insect Destroyers is subject to change

Michell's Insect Destroying Preparations

Prices on Insecticides Subject to Market Changes

Nicotine Cones (See Vapor Cones),

Nico=Fume (Liquid). This is used in very much the same way as Nicoticide. Per ¼ lb. (about ¼ pt.), 50c.; $1.50 per lb. (about 1 pt.); 4 lbs. (about ½ gal.), $5.50; $10.50, 8 lbs.

Nico=Fume. This is a paper treated with nicotine, giving off dense fumes of strong nicotine when ignited. Preferred by many who do not wish to spray or vaporize. Per box, 24 sheets, 85c.; per 144 sheets, $4.00; per 288 sheets, $7.50.

Nikoteen. One of the milder forms of tobacco or nicotine preparations, usually diluted in water, makes a most satisfactory spray as well as vapor, excellent for pea lice in the garden. 40c. for 1¾ oz.; 8 oz., 85c.; $1.50 per pt.; gal., $10.00.

Paris Green. The chief merit of this article is the destruction of the potato bug. It may be used in liquid form, 1 pound in 50 gallons of water, or with Land Plaster at the rate of 1 pound Paris Green to 100 pounds Land Plaster. 10c. per ¼ lb.; per ½ lb., 18c.; 35c. per lb.; $1.30 per 5 lbs.; per 14 lbs., $3.25.

Pyrox (Bowker's). A pasty substance used for all leaf-biting insects. It is really a Bordeaux and Arsenate of Lead combined and is excellent. Dilute 1 lb. to 5 gals. water. 25c. per lb.; 5 lbs., $1.00; $1.75 per 10 lbs.; 25 lbs., $4.00; 50 lbs., $7.50; $13.50 per 100 lbs.; 300 lbs., $38.00; $60.00 per 500 lbs.

Rat Corn. For destroying rats and mice in greenhouses, hotbeds, etc. 15c., 25c., 50c. and $1.00 per box.

Rax. A bacteriological preparation, containing pure cultures of an active Virus, which has a deadly effect on Mice, Rats and Field Mice, but is absolutely harmless to other animals, as well as human beings. Not poisonous and can be used without precaution. 50c. per bottle.

Readeana Rose Bug Exterminator. Used for destroying rose bugs, green fly, mealy bug, blight, mildew, etc. Will not injure flowers. 4-oz. bottle, 25c.; 8-oz. bottle, 50c.; $1.00 per 24-oz. bottle; per gal., $4.00.

Sulphocide. A summer spray against fungous diseases, one of the best preparations of its kind. 50c. pt.; qt., 75c.; $2.00 gal.

Scalecide. Used for the destruction of the San Jose Scale. Dilute at the rate of one gallon Scalecide to 20 gallons water. 45c. per qt.; per gal., $1.00; $3.25 per 5 gals.; 10 gals., $6.00; $16.00 per 30-gal. bbl.; per 30-gal. jacketed tin, $15.00; $25.00 per 50-gal. bbl.

Scale Destroyer. For San Jose Scale, 1 gal. dilutes to 20 gals. water. Per qt., 35c.; 65c. per ½ gal.; per gal., $1.00; $3.75 per 5 gals.; 10 gals., $7.50; 25-gal. bbl., $12.50; per 50-gal. bbl., $23.00.

Shoo Fly. For keeping flies off cattle and horses, used with a sprayer or a sponge. Per qt., 35c.; $1.00 per gal.; 5 gals., $4.50.

Slug Shot. The standard remedy for currant worms, rose slugs, cabbage worms, and almost any soft-shelled insects that infest the vegetable or flower garden. 15c. per canister; per 5 lbs., 30c.; 60c. per 10 lbs.; 25 lbs., $1.50; $2.50 per 50 lbs.; 100 lbs., $5.00. Full bbl. lots (about 250 lbs.), 4½c. per lb., f. o. b. Factory; 4¾c. per lb., f. o. b. Phila.

Sulphate of Copper. For destroying fungous diseases of all kinds, also used in making Bordeaux mixture, and for spraying potato vines in connection with Paris Green. Where used as a Bordeaux mixture it requires 4 pounds Sulphate of Copper to 6 pounds Lime, which is diluted in 50 gallons of water. Per lb., 20c.; $1.60 per 10 lbs.; 25 lbs., $3.75; $13.50 per 100 lbs.

Sulphur. Used principally in greenhouses for checking mildew. It is also used as a preventive and cure for San Jose Scale when it is used in connection with lime and salt. Per lb., 7c.; 30c. per 5 lbs.; 25 lbs., $1.25; $4.00 per 100 lbs.

Sulphur Candles. For fumigating sick-rooms, also in conservatories and greenhouses. Large, 20c. each; per doz., $2.00; small, 10c. each; per doz., $1.00.

Thrip Juice (Hammond's No. 2). This preparation is very effective against aphis, red spider, mealy bugs and sucking insects generally. 60c. pt.; qt., $1.00; $3.25 per gal.

Thymo Cresol (Sheep Dip). This preparation is used for disinfecting, etc.; it is also an excellent cold water sheep dip. Per 4-oz. bottle, 25c.; 40c. per 8-oz. bottle; per pt., 50c.; per qt., 70c.; $1.10 per ½ gal.; per gal., $2.00.

Tobacco Dust for dusting only. Excellent for Lettuce and other plants to destroy soft, creeping insects. Per lb., 10c.; 25c. per 5 lbs.; per 10 lbs., 45c.; $1.00 per 25 lbs.; 100 lbs., $3.50.

Tobacco Dust (Special). For either fumigating or dusting. A specially prepared article; state which kind is wanted when ordering. 5 lbs., 35c.; 60c. per 10 lbs.; 25 lbs., $1.35; $2.25 per 50 lbs.; 100 lbs., $4.00.

Tobacco Soap (Sulpho). A combination of tobacco extract and sulphur, fine for washing and spraying plants; dissolve in warm water. 3-oz. cake, 10c.; 20c. per 8-oz. cake; 10 lbs., $2.50.

Tobacco Stems (Fresh). Used principally for fumigating and under benches in greenhouse. They may also be steeped in hot water and used as a spray. Per lb., 5c.; 20c. per 5 lbs.; per bu., 50c.; $1.00 per bbl. bag; per large bale, $2.00; $6.50 per half ton; per ton, $12.00.

To=Bak=Ine Fumigating Paper. Very much like Aphis Punk, which it resembles. It is used in exactly the same way as Aphis Punk. Per package, of 24 sheets, $1.00; $4.50 per 144 sheets; $8.00 per box of 288 sheets.

To=Bak=Ine Liquid. Similar to Nicoticide, except that it comes in two distinct grades—fumigating and spraying; state which is wanted when ordering. Price of either: Per ⅛ pt., 50c.; ¼ pt., 75c.; $1.35 ½ pt.; pt., $2.50; gal., $17.50.

Tree Tanglefoot. A paste preparation for painting around the trunks of trees, in the form of a band. Caterpillars and other crawling pests cannot get over it. Per lb., 30c.; 3-lb. cans, 85c.; 10-lb. cans, $2.65; $4.80 per 20 lbs.; 40-lb. can, $8.75.

Vaporite. Vaporite is a gray non-poisonous powder which, when it comes into contact with soil, gives off a vapor. This vapor kills all underground insects such as Wireworms, etc. Vaporite is for soil application—not for the leaves of the plant. Vaporite should be uniformly distributed on the surface or in the soil among the insects, so that the gas evolved may destroy them. 1 lb., 15c.; 60c. per 5 lbs.; 10 lbs., 90c.; $2.00 for 25 lbs.; 50 lbs., $3.75; $6.75 per 100 lbs.

Vermine. A soil sterilizer, a germicide. Will destroy worms, maggots, etc. It is usually applied at the time of preparing potting soil. Dilute at the rate of one part to 400 parts of water and thoroughly soak the soil. 40c. per ½ pt.; pt., 65c.; $1.00 per qt.; per gal., $3.00.

Whale or Fish Oil Soap. For mild forms of Scale, and is an excellent summer spray, when something stronger cannot be used, where the San Jose Scale exists. It is nice for washing off Lemon trees, Oleanders, and almost anything that would be infested with a soft-shelled or in fact most any kind of insect. Dissolved in water according to various purposes. Per ½ lb., 10c.; 20c. per lb.; per 5 lbs., 60c.; $1.10 per 10 lbs.; per 25 lbs., $2.00; $6.50 per 100 lbs.

Whale Oil Soap (Good's Caustic). Used extensively as a tree spray and as a summer remedy for San Jose Scale, it comes in a soft soap form and is easily dissolved, 1 lb. to 10 gals. water. 20c. per 1-lb. can; 5-lb. can, 75c.; $2.50 per 25-lb. can; 50 lbs., $3.75; $7.00 per 100 lbs. Barrel lots of about 425 lbs., at 5½c. lb.

Worm Eradicator (Reade's Electric). This has been found to effectually destroy worms in greenhouse benches and in potted plants, or for outdoor use in the flower and vegetable garden, or among trees. 4-oz. bottle, 25c.; 8-oz. bottle, 50c.; $1.00 per 24-oz. bottle; $4.00 per gal.; $17.50 per 5 gals.; 10 gals., $35.00.

Worm Destroyer (For Earth Worms). This preparation is made in England, where it is being applied to grass plots, putting greens, etc., with great success. It is a powder and is distributed over a given surface and soaked with water, which causes the worms to come to the surface, where they may be scooped up readily and further destroyed. It acts as a fertilizer as well as a worm destroyer.

Michell's Brand. 1 lb., 10c.; 45c. for 5 lbs.; 10 lbs., 75c.; $1.50 per 25 lbs.; 50 lbs., $2.50; $4.00 for 112 lbs.; 560 lbs., $18.75; $34.00 for 1120 lbs.; 2240 lbs., $62.50.

Carter's Brand. In 100-lb. bags only. $5.00 per 100 lbs.; 500 lbs., $19.00; $37.50 per 1000 lbs.; 2000 lbs., $70.00.

Worm Eradicator (Radix). Destroys worms in lawns, on tennis courts and putting greens. 1 gal. makes 100 gals. of treating liquid. $2.00 per gal.; 5 gals., $9.25; 25 gals., $37.50. Powder form: 1 lb., making 30 gallons of liquid, 60c. per lb.; per 25 lbs., $12.50; $22.50 per 50 lbs.; per 100 lbs., $40.00.

Vapor Cones (Lethorion Nicotine). An English invention providing nicotine in a solid form. The ideal fumigant for either large greenhouse or small conservatory. No. 1 will fumigate 1000 cubic feet, 20c. each, doz. $2.00; No. 2 will fumigate 1500 cubic feet, 30c. each, doz. $3.00; No. 3 will fumigate 2500 cubic feet, 40c. each, doz. $4.25.

Zenoleum. A germicide and disinfectant. Liquid, ½ pt., 25c.; 50c. qt.; ½ gal., 90c.; $1.50 gal. Powder, 25c. per 16-oz. pkg.

MICHELL'S RELIABLE SPRAYING APPARATUS

THE AUTO SPRAY

Auto Spray showing Auto Pop Attachment

Now used by all the large fruit growers. It operates with compressed air; safe and efficient; liquid capacity, 4 gallons; pressure capacity, 40 lbs.

No. 1-A **Brass** equipped with hose and regular nozzle, $6.75.

No. 1-B **Brass** equipped with hose and Auto-Pop Attachment, $7.25.

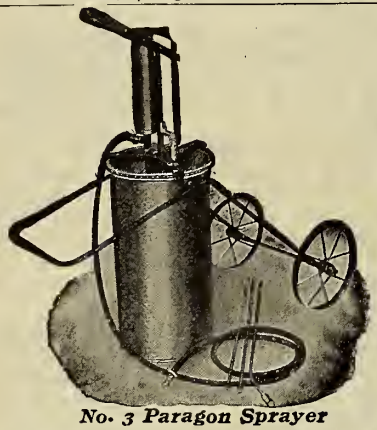
No. 1-C **Galvanized Iron** equipped with hose and regular nozzle, $4.50.

1-D **Galvanized Iron** equipped with hose and Auto-Pop, $5.00.

Auto Pop Nozzle Attachment controls the flow instantly by a pressure of the hand. Purchased separately, $1.50 each.

No. 22 BINKS COMPRESSED AIR SPRAYER

Galvanized steel tank, 5 gal. cap. Brass pump with a patent clamping device, equipped with 3 feet of hose, spray nozzle, shut-off cock and shoulder strap. P. P. Weight, 15 lbs. Price, $6.25.



No. 3 Paragon Sprayer

THE PARAGON SPRAYER

Especially desirable for the reason that it is not necessary to strain the material before pouring it into the reservoir; although we recommend that this be done; guaranteed to give absolute satisfaction. Excellent for applying whitewash or cold water paint.

No. 0—A 3-gal. reservoir, 4 ft. of hose, nozzle and extension pipes. Price, $7.50.

No. 1—With a 5-gal. reservoir, 5 ft. of hose and 2 extension pipes, $10.00.

No. 3—Equipped with a 12-gal. tank mounted on a truck, three 2½-ft. extension pipes, 2 nozzles and 10 ft. of hose, $15.00.

No. 4—Mounted on a two-wheel truck; equipped with 10 ft. of extension pipe, 20 ft. of hose and 2 nozzles. $22.50.

HAND SPRAYERS

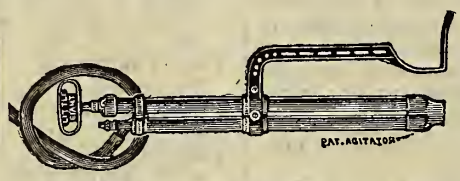
	Tin	Brass
Automatic Compressed Air. (See cut)	$1.00	$2.00
Cyclone. (Small, tin only, 25c.)	.50	1.00

DEMING BUCKET PUMPS

These are made entirely of brass except the foot rest, bucket fastener and hand grip. Prices do not include bucket, but include nozzle and 3½ feet of ⅜-in. hose.

Success (without bucket fastener), $3.85.

Perfect Success (with bucket fastener), $4.35.



MYER'S BUCKET PUMP

This is a double brass chamber arrangement, and fills the want of those desiring a medium priced sprayer. Price, $3.00.

SIMPLEX BARREL PUMP

(Deming No. 550)

Equipped with an automatic agitator. Will throw a stream forty feet. **Plain Pump,** no hose, nozzle or barrel. $7.50.

Outfit A—Pump, with 12½ ft. ½-in. hose, fitted with a Bordeaux or Vermorel nozzle and pole connection for reaching into trees, no barrel. $10.65.

Outfit B—Pump, with two 12½-ft. sections of ½-in. hose, two Bordeaux or Vermorel nozzles, pole connection, no barrel. Price, $13.80.

DEMING CENTURY PUMP

A very powerful pump; working parts are entirely of brass; has large air chamber; also a perfect agitator.

Price for pump, no barrel or hose, $10.50.

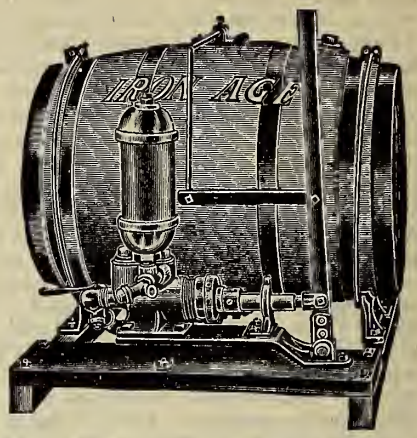
Price, complete, with 12½-ft. ½-in. hose and nozzle, no barrel, $13.65. Price, with two 12½-ft. leads, hose and nozzles, no barrel, $16.80.

Barrels, with cut head, $3.50.

SPRAY NOZZLES (⅜ in. Thread)

Bordeaux and Vermorel.....each,	$0.75
Mistry, Jr.....	.90
Winkle Mist.....	.75
Paragon style.....	.35
Duplex Vermorel (2 nozzles).....	1.50
Triple Vermorel (3 nozzles).....	2.25
Quadruple Vermorel (4 nozzles).....	2.50
Duplex Mistry (2 nozzles).....	3.00

For ¾-in. connections add 25c.



IRON AGE SPRAYER No. 1901

Equipped with a 50-gal. barrel, large air chamber pump with a pressure capacity of 125 lbs., automatic agitator, brass bronze ball valves, woven hemp packing, which is easily replaced. All working parts of the pump are outside, can be gotten at easily.

Price, no hose or nozzle, $20.00; with 15 ft. ½-in. hose, 1 nozzle, $23.00; equipped with 2 15-ft. lengths of ½-in. hose, 2 nozzles, $26.75.

IRON AGE SPRAYER No. 197

A perfect outfit for gardens, small farms, poultry plants, etc.; capacity, 20 gals. Pump all brass with a 6-inch stroke, large air chamber with a 100-lb. pressure capacity; bronze brass ball valves of easy access. Equipped with a perfect agitator, 4 feet of extension rod with hand grip and 4 feet of ½-in. hose, stop cock and nozzle. $16.50.

OTHER IRON AGE SPRAYERS

194. Without barrel hose or nozzle, $10.00. Price, with 15 ft. ½-in. hose, nozzle, no barrel, $14.50. Price, with barrel, 15 ft. ½-in. hose and nozzle, $18.25.

194T. A 2½-in. iron tire wheel-truck, barrel and pump, without hose or nozzle, $22.75, or $26.25 with 15 ft. hose and nozzle, all complete.

195. Bucket equipment, like 197. Equipped with a 2-ft. extension rod, a Vermorel nozzle and 4 ft. ½-in. hose. Price, $8.00.

EXTENSION PIPES, Etc.

For reaching into trees, ⅜-inch threads.

Bamboo, with brass tube, 8 ft.....	$2.00
" " " " 10 ft.....	2.50
Galv. Iron, 2 ft., for Auto Sprays.....	.30
Brass, 2 ft., for Auto Sprays.....	.45
Pet Cock, for extension pipes.....	.50

Iron Age. Fig. 419—Steel pipe 10 ft. long, with an angle connection, stop cock, 2 hand grips and drip guard, for ½-in. thread. Price, $2.90.

Iron Age. Fig. 420—Bamboo casing, brass pipe inside; otherwise like Fig. 419. $4.00.

Paragon Extensions, 2½ ft. 30c. each.

Copper Strainers for pouring solution through into pump reservoirs, $1.00 each.

Send for a copy of Our Booklet on Spraying

100M-2-15. Wolf. ni-1000

PUT 2c
STAMP
HERE

Michell's Seed House

518 Market Street

Philadelphia

Michell's Rustic and Ornamental Bird Houses

IN the past few years there has been revived a great interest everywhere in birds. There are many desirable species that would settle near our homes if we provided them with some suitable place for breeding. There are several things to be said in favor of **Rustic Bird Houses,** particularly of those offered by us. These are made of the everlasting Jersey Cedar, which is a disinfectant in itself. If you are sufficiently interested, nail up a rustic house alongside a brightly painted one, and see which they will select. It is the "back-to-nature movement" among the birds. Where did they nest before civilized man inhabited this country? In hollow trees; woodpeckers and their kind boring their nests in dead trees. Now such suitable places are fast disappearing under the pruning and slashing axe of man. A few attractive Bird Boxes, placed where they can be easily found, either in trees or on posts, will induce our feathered friends to seek a lodging, help beautify the garden, and make an otherwise dull spot bright. If you put up your birdhouses in the autumn, you may be able to keep the birds with you all winter. By providing shelter and food, you can keep your feathered friends the year round. The prices at which these houses are sold are so low that you can afford a number of them. To avoid errors, please order by number.

MICHELL'S WREN HOUSES

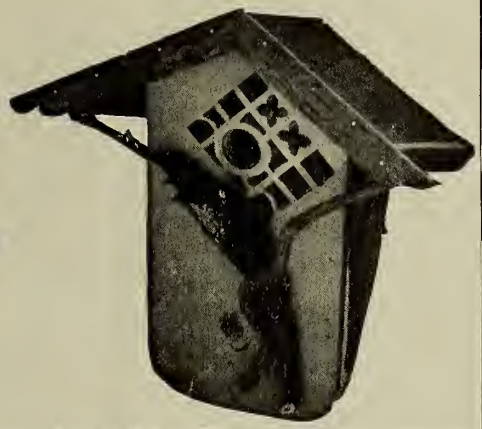
Place your Wren Houses near your dwellings; the wren is hardly ever known to nest off in the woods. If not disturbed, they will get very tame. These Wren Houses are made with 1-inch holes so that sparrows cannot disturb the occupants.

No. 11. Price, $1.25
P. P. Weight 3 lbs.

No. 13. Price, $1.25
P. P. Weight, 3 lbs.

No. 9. Price, $1.25
P. P. Weight, 3 lbs.

No. 12. Price $1.25
Made to Swing



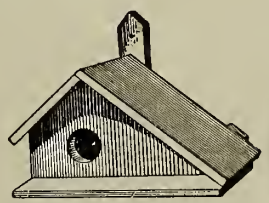
No. 28. The Wren "House Beautiful." Price, $2
P. P. Weight 4 lbs.

No. 50. Price, $1
Hanging Wren House
P. P. Weight 3 lbs.

A bird house in a garden is a symbol of home life, as the shaded lamp and open fireplace are to the interior. The passer-by will say: "There lives a lover of birds."

MARYLAND WREN BOX

These are very useful as well as ornamental, for putting on trees or fastening on buildings. Painted red and green, very attractive. 35 cts. each, 3 for $1. Parcel post weight each 1 lb.



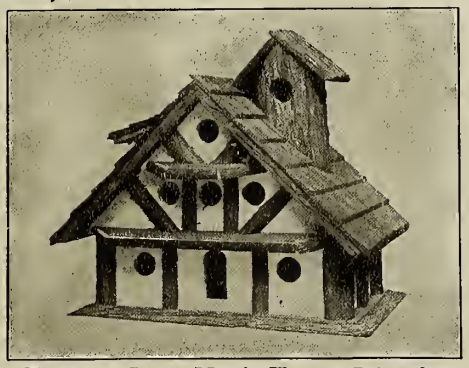
MARTIN HOUSES

No. 77. Price, $6

A four-roomed house, made of cedar and white birch. The size of this house is 13x7x21 inches.

Suitable for placing on stone gate-posts or high stumps. No. 77, $6. Not mailable.

Martin Houses should always be large, for the Martin is a bird that loves company. If well housed and well used, they come in large flocks year after year.



No. 8. 14-Room Martin House. Price, $20
Not mailable

MISCELLANEOUS BIRD HOUSES

No. 22. Price, $1.25

No. 25. Price, $1

Houses for Woodpecker, Nuthatch, Chickadees, etc.
P. P. Weight 3 lbs.

The birds referred to are particularly useful in orchards. Orchardists advise fastening a bird box in every other tree. Now that all the dead trees are being cut down, it leaves birds without a suitable place to nest, and on that account they are fast disappearing. It is, indeed, a very urgent necessity to provide these artificial habitations.

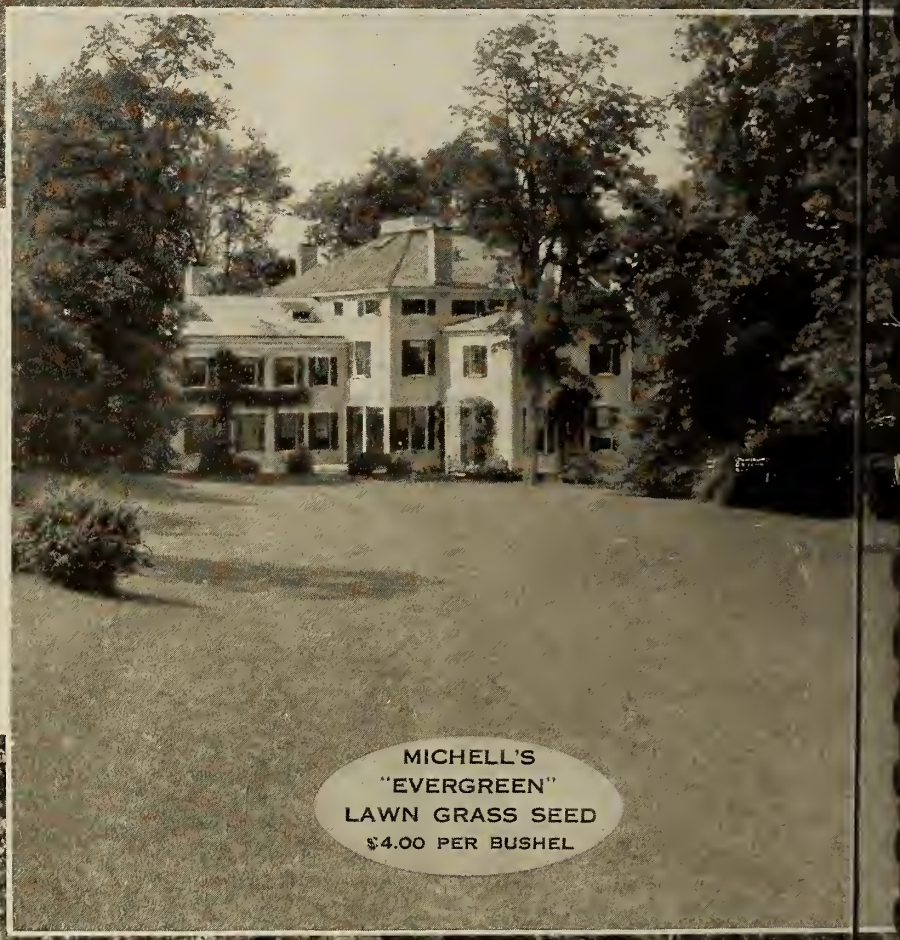
AUTUMN 1915

26TH YEAR

MICHELL'S
FAIR GREENS (GOLF)
GRASS SEED
$4.50 PER BUSHEL

MICHELL'S GRASS SEEDS

SEPTEMBER AND OCTOBER ARE THE BEST AUTUMN MONTHS FOR SOWING GRASS SEED



MICHELL'S
"EVERGREEN"
LAWN GRASS SEED
$4.00 PER BUSHEL

MICHELL'S
"SHADED LAWN"
GRASS SEED
$5.00 PER BUSHEL

HENRY F. MICHELL CO., 518 MARKET ST., PHILA.